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AIR MINISTRY

METEOROLOGICAL OFFICE

RÉSEAU MONDIAL 1928

MONTHLY AND ANNUAL SUMMARIES OF
PRESSURE, TEMPERATURE AND PRECIPITATION
BASED ON A WORLD-WIDE NETWORK OF
OBSERVING STATIONS

Published by the Authority of the Meteorological Committee

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RÉSEAU MONDIAL, 1928

PREFACE

The Réseau Mondial is published under the auspices of the International Meteorological Committee, which has appointed a Commission, the International Commission for the Réseau Mondial, to foster the enterprise. An account of its early history is given in the preface to the volume for 1914. The publication of the data commenced in 1917 with the annual volume for 1911, and during the four following years the volumes for 1912,1913,1910 and 1914 were issued, in that order. Since the appearance of the volume for 1914, meetings of the commission have taken place, in connexion with the meetings of the International Meteorological Committee held in London in 1921, in Zürich in 1926, and in Copenhagen in 1929. The report on progress since 1929 was presented by the President of the Commission to the International Committee at its meeting in De Bilt in 1933. At the London meeting the Commission approved the general form in which the results had been published, and adopted a resolution, subsequently endorsed by the committee, requesting that the publication of similar data for ensuing years might be continued. In compliance with that request, fourteen additional volumes have now been issued.

The volume for 1921 for the first time gave effect to a wish, also voiced at the meeting held in London for the inclusion of data from the oceans as well as from land stations. In that volume for information was confined to two five-degree "squares" in the North Atlantic Ocean. In the present volume the number of such squares is seven, all of them in the Atlantic Ocean. The figures represent the data supplied by ships reporting to the Meteorological Services of Brazil, Denmark, Germany, Holland. and the United States, as well as to the British Meteorological Office, and for several squares various Services have co-operated in accordance with a scheme suggested by the Commission for Maritime Meteorology. The data will be found intercalated among the observations from land stations. They include:-

(1) the mean latitude and longitude of the observations, calculated separately for each month.

(2) the number of observations (entered in the column for "height").

(3) the mean pressure.

(4) the mean temperature of the sea surface. For convenience these figures have been entered in the column for the date of the absolute maximum temperature.

(5) the mean temperature of the air.

The values for the squares are based partly on observations taken six times a day, and partly on observations at 8h. and 20h., local time; the latter figures have been corrected for diurnal variation and the two sets have then been combined. In general, mean values from observations taken six times a day are deduced from not less that 30 observations per month, thus putting a square on a par with a land station observing once daily. In two squares, the number of observations is greater than this minimum in each month; in the remaining four squares the numbers fall below 30 in some months; but those months in which the numbers are above 15 have been included, in order as far as possible, to avoid breaking the continuity of the series. Three of the squares included in the 1927 volume have had to be omitted as the observations available were too scanty. It will be observed that for some squares, two figures are given for each month as the number of observations. These different figures refer to the different elements; the number of observations of pressure available in any month frequently differs from the number of observations of sea temperature or of air temperature. The differences are in general not of sufficient importance to affect appreciably the mean latitude and longitude. Differences from normal are given where possible; the sources of these normals are stated in the "Table of Authorities".

At the meeting of the Commission held in Zürich in 1926, the following rules were adopted to regulate the practice regarding the normals to be used at land stations in the Réseau Mondial.

" (a) Departures from normal will not be employed unless the series of observations available covers a period of ten years or more.

(b) A normal will be prepared for any station as soon as ten years' observations are available. This normal will remain in use for the next five years. When data for 15 years are available, the normal will be revised. A further revision will take place when data for 25 years become available, and a final revision when data for 35 years become available. Normals covering a period of 35 years or more will only be revised when opportunity offers.

(c) While the procedure laid down in paragraph (b) will be the one usually followed, advantage will be taken of any re-determinations of normals which become available. Such an opportunity is presented by the publications of the collection of the 'Long Series' data which is now being made by the Smithsonian Institution, and normals based on these data will be brought into use in the volume of the Réseau Mondial for 1921.

(d) When an official meteorological service publishes departures from normal in its current publication these may, if thought desirable, be used in the Réseau Mondial.

(e) The periods covered by the normals will be set out in the "Table of Authorities" as at present. Whenever new normals are introduced the attention of readers will be called to the change by adding an appropriate sign to the figures to which the new normal has first been applied.

(f) These instructions will be brought into use when the compilation of the volume for the year 1921 is commenced."

In editing the present volume these rules have been closely followed.

The membership of the Commission in 1935 as given in Publication No. 5 of the International Meteorological Organisation is as follows:- Sir George Simpson, Great Britain (President); Dr. D. la Cour, Denmark; Professor F. Eredia, Italy; Professor E. van Everdingen, Holland; Captain N. I. Evgenoff, Russia; Dr. J. de Sampaio Ferraz, Brazil; Professor H. von Ficker, Germany; Professor E. Fontseré, Spain; Dr. S. Fujiwhara, Japan; Dr. L. Gain, France; Professor B. Helland-Hansen, Norway; Professor H. Hergesell, Germany; Dr. Th. Hesselberg, Norway; Mr. H. A. Hunt, Australia; Professor J. Keränen, Finland; Professor M. Knudsen, Denmark; Mr. R. G. K. Lempfert, Great Britain; Dr. G. S. Ljungdahl, Sweden; Dr. C. F. Marvin, United States of America; Professor G. Melander, Finland; Dr. C. W. B. Normand, India; Professor T. Okada, Japan; Mr. J. Patterson, Canada; Captain de Frégate J. Rouch, France; Dr. J. W. Sandstrøm, Sweden; Sir Napier Shaw, Great Britain; Mr. C. Stewart, South Africa; Sir Frederic Stupart, Canada; Professor H.U. Sverdrup, Norway; Professor Sir Gilbert Walker, Great Britain; M. Ph. Wehrlé, France; Professor V. I. Wiese, Russia.

A list of the additions or changes made in the network of stations since the issue of the preceding volume is given below. These changes have been made in consultation with the Directors of the National Meteorological Services concerned.

Additions:-

Zone 2, 60° to 70° N.	.....	233a,	Akureyri.
Zone 6, 30° to 20° N.	.....	660,	Amoy.
Zone 7, 20° to 10° N.	.....	766,	Saipan.
Zone 8, 10° to 0°	.....	845,	Sheikh.
	.....	864,	Palau.
	.....	867,	Ponape.
Zone 9, 0° to 10° S.	.....	902,	Atafu.
	.....	942,	Tshibinda (See additions and corrections p.xii).
Zone 10, 10° to 20° S.	.....	1021,	Lima.

The following substitutions have been made:-

Substitutions:-

Zone 1, 80° to 70° N.	.....	142,	Sletnes for Mehavn.
Zone 2, 60° to 70° N.	.....	204,	Bethel for Candle.
	.....	210,	Mayo Landing for Carcross.
Zone 5, 40° to 30° N.	.....	512,	Sacramento for San Luis Obispo.
Zone 7, 20° to 10° N.	.....	757,	Cap St. Jacques for Saigon.

A change in site has been made at the following stations:-

Zone 1, 80° to 70° N.	.....	240,	Bodö.
Zone 5, 40° to 30° N.	.....	560,	Tientsin.
	.....	565,	Hukusima.
Zone 11, 20° to 30° S.	.....	1139,	Windhoek.
	.....	1141,	Kimberley.

The following stations have been deleted:-

Zone 3, 60° to 50° N.	.....	307,	55° to 50° N., 150° to 145° W.
	.....	331,	55° to 50° N., 30° to 25° W.
	.....	333,	53° to 48° N., 20° to 15° W.
Zone 5, 40° to 30° N.	.....	508,	35° to 30° N., 145° to 140° W.

Deletions:- (Contd.)

Zone 6,	30° to 20° N.	.....	615, Chihuahua.
Zone 9,	0° to 10° S.	.....	930b, 0° to 5° S., 35° to 30° W.
Zone 11,	20° to 30° S.	.....	1128b, 20° to 25° S., 45° to 40° W.

Data for the following stations are missing:-

Zone 1,	80° to 70° N.	.....	101, Wrangell Island.
Zone 2,	70° to 60° N.	.....	162, Bouloune.
		.....	201, Preobrajenye.
		.....	248, Tcherdyn.
		.....	253, Doudinka.
		.....	261, Viliouisk.
		.....	264, Petropavlovskoe.
Zone 3,	60° to 50° N.	.....	268, Naiakhan.
		.....	321, Fort George.
		.....	344, Kiiv.
		.....	361, Tygan Ourkan.
		.....	364, Chantar Bolchoy.
		.....	369, Kluchevskoye.
Zone 4,	50° to 40° N.	.....	370, Nikolskoe,
Zone 5,	40° to 30° N.	.....	444, Kharkiv (University).
Zone 9,	0° to 10° S.	.....	546, Lenkoran.
Zone 11,	20° to 30° S.	.....	940, Brazzaville.
Zone 12,	30° to 40° S.	.....	1164, William Creek.
Zone 13,	40° to 50° S.	.....	1262, Eucla.
		.....	1301, Chatham Island.

Data for the undermentioned station are again available:-

Zone 6,	30° to 20° N.	.....	660, Amoy.

The total number of stations utilized was 468 as against 469 in 1927.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL FOR THE YEAR 1928.

Subdivision of the Globe and numbering of Stations.- In order to facilitate the grouping of the information, the surface of the globe is divided into zones each covering ten degrees of latitude. These zones are numbered consecutively from north to south, the number 1 being assigned to the zone extending from latitude 80°N. to latitude 70°N., the northernmost one for which information is available. The southernmost zone in the southern hemisphere for which observations are available, that extending from latitude 60°S. to latitude 70°S., accordingly becomes zone No. 15.

An identification number is assigned to each station. The first one or two digits in this number specify the zone to which the station belongs, and the last two digits indicate its position in longitude. For the latter purpose the zones are subdivided into 36 "squares", each extending over ten degrees of longitude, and two station numbers are assigned to each square. The enumeration of the stations starts from longitude 180° west of the meridian of Greenwich and proceeds eastward. A few examples will make the system clear. Station numbers 101 and 102 refer to the stations in zone 1 (i.e. between latitude 80°N. and 70°N.) between longitude 180° W. and 170° W., station numbers 335 and 336 to the stations in zone 3 (60° N. to 50° N.) between longitude 10° W. and 0°; station numbers 1147 and 1148 to the stations in zone 11 (latitude 20° S. to 30° S.) between longitude 50° E. and 60° E., i.e. to the Indian Ocean. In cases where it has been found desirable to give data for more than two stations in one "square" the additional stations are distinguished by adding the letter "a" to the numbers appropriate to the square. For two squares in zone 6 it was considered desirable to give data representing conditions at high and low levels. In square 30°N.-20°N., 20° W. - 10° W. the mountain station Izaña has been included as well as La Laguna and in square 30° N. - 20° N., 90° E. - 100° E. the mountain station Cherrapunji as well as Gauhati. The mountain station is indicated in each case by the addition of the letter "m" to the number appropriate to the low level station.

In the monthly tables the data are arranged by zones, and within each zone, in the order of the identification numbers of the stations.

Units.- Absolute units related to the metric system are employed throughout. The scale on which temperatures are recorded in the Réseau Mondial is such that the freezing point of water under atmospheric pressure is 273° A. precisely. Other temperatures differ by 273·0° from readings on the Centigrade scale. Conversion tables, showing the relation of these units to the units more commonly in use, will be found on pp. xvi to xviii of the Réseau Mondial for 1914.

Authorities.- The data have been transcribed in most cases from the publications of the various meteorological institutes received in the Library of the Meteorological Office. Particulars of the sources from which they have been taken will be found in the Table showing the Authorities for the Meteorology of the Globe, printed at the end of the volume. In many cases the volumes for 1928 have not yet been issued, and the data have therefore been taken from advanced manuscript copies supplied by the courtesy of the Directors concerned, whose valued co-operation is hereby acknowledged. The data for some stations in the British Colonies have been transcribed from manuscript returns received in the Meteorological Office, and have not yet been published elsewhere. The majority of the stations for which information is given are under the control of Government Meteorological services; it is therefore assumed that the recognised conventions regarding the instruments and their exposure have been followed. In the case of other stations, information on these points is sometimes lacking, but no observations have been included that are known to be faulty in this respect. The positions of stations, their heights above sea-level, and the spelling of names, have been taken from the offical meteorological publications, if given, but in some cases it has been necessary to complete this information from other sources.

Data for certain Siberian stations, not received through the usual channels in time for publication in this volume, have been extracted from Smithsonian Miscellaneous Collections, Vol. 90, World Weather Records, published in May, 1934.

For certain stations re-determined heights adopted in "World Weather Records" have been substituted for heights previously published.

In the tables for 1918 the symbol ᾱ was introduced to signify the true, or 24-hour, mean temperature. The letters a, b, c, etc., have replaced the symbols used in the volume for 1917 as references to the notes at the end of the Table of Authorities.

Height above Sea Level.- Particulars of the datum used in the European Countries when specifying heights above sea level will be found in the Introduction to the volume of Tables for 1914.

Normals.- Whenever possible, the departures from normal of the monthly values of mean pressure, mean temperature and precipitation, are given. In all cases an endeavour is made to ensure that the normals are based on the same combination of values as the current data, or a comparable one. The years to which the normals refer are given in the Table showing the Authorities for the Meteorology of the Globe at the end of the volume.

Pressure.- The tables provide space for the entries of mean monthly pressure both at station level and at mean sea level. If the values at sea level are not given in the publication from which the data have been transcribed, they have been computed in the Meteorological Office for stations not exceeding 2,000 metres in altitude, for which the heights above sea level were accurately known. The reduction is based on an expansion of the formula $p_0 = pe^{\frac{z}{KT}}$ and assumes that the temperature decreases upwards at the rate of 0·5° C. per 100 metres and that the average relative humidity of the air column between the station and sea-level is 50 per cent. The monthly means of pressure are based for preference on hourly values, but when such are not available, combinations of observations at fixed hours have been used. Particulars of the combination adopted at each station are given in the Table showing the Authorities for the Meteorology of the Globe under the heading "Remarks". Table 1 (p. ix.) gives for certain stations the correction required to reduce the means computed in this way to the means computed from hourly observations. In cases in which it is possible to give values both for station level and for sea level, the differences from normal refer to the latter, except at the stations to which the letter "q" is given in the list of Authorities, for which the differences from normal refer to station level.

Temperature.- The monthly tables include the means of the daily readings of maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometers, the mean temperature obtained from the mean maximum and mean minimum, and a column giving the observed or deduced mean of 24 hourly values per day.

The column headed "24 hr. mean" contains: in Roman type, means based on at least six equally-spaced observations each day: in italic type, either (a) means based on observations at one or more fixed hours, with or without an appropriate correction; or (b) means obtained by applying an appropriate correction to the mean of the mean daily maximum and mean daily minimum. The methods by which these figures in italics have been deduced are in all cases set out in the Table of Authorities in the column headed "Remarks" pp. 105 - 114.

Precipitation.- The term precipitation includes rain, snow, hail, and (if of measurable amount) dew. The solid precipitates are measured by the depth of water they yield or are computed to yield when melted.

Wind.- No information regarding wind is included in the general tables, but on the last page of the volume, the monthly Resultant Direction and "Constancy" computed from daily observations of wind are given for selected stations in the tropics. No account is taken of wind strength in computing these quantities; each observation of direction is regarded as a unit vector and the resultant direction is obtained by compounding the unit vectors. The "constancy" is represented by 100 times the ratio of the vector sum of the unit vectors to the number of observations (calms included). Direction is specified by the azimuth of the point from which the wind is blowing, and is measured in degrees from north through east.

State of Ice in the Arctic Seas.- Statistical information is given for each month on the last page of the volume.

Bibliography of the Meteorology of the Globe.- A bibliography will be found on page xv of the Reseau Mondial 1914.

TABLE 1. - CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEANS.

	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
ZONE 1.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Barrow, 19h. (5)	0·0	+0·1	+0·1	+0·2	+0·3	+0·2	+0·1	+0·1	..	..	..	..	..
Barrow, ½ (8 + 20) (5)	..	..	..	..	..	..	..	..	+0·1	+0·1	+0·1	+0·1	..
Gaasefiord and Godthaab for Upernivik, ⅓ (8 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	0·0	0·0	0·0
Spitsbergen, ½ (8 + 14 + 19) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0
Gjesvaer for Ingøy, ½ (8 + 14 + 19) (19)	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	0·0
Gjesvaer and Vardo for Sletnes, ½ (8 + 14 + 19) (19)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	0·0
Vardo, ½ (8 + 14 + 19) (19)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	0·0
Malye Karmakouly, ⅓ (7+13 +21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Waigatz, ⅓ (7 + 13 +21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
ZONE 2.													
Sitka for Nome, ½ (6 + 18) (8)	+0·1	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	..	..	..	..	..	..
Sitka for Nome, ½ (6 + 17) (8)	..	..	..	..	..	..	..	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Sitka for Tanana, ½ (7 + 18½) (8)	+0·1	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Sitka for Eagle and Dawson, ½ (8 + 20) (8)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1
Godthaab for Jacobshavn and Ivigtut, ½ (8 + 14 +21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1
Angmagsalik, ½ (8 + 14 +21) (1)	+0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	-0·1
Bergen, ½ (8 + 14 + 19) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1
Aalesund, ½ (8 + 14 + 19) (19)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1
Trondhjem, ½ (8 + 14 + 19) (19)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Bodo, ½ (8 + 14 + 19) (19)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Helsingfors for Kuopio, ½ (7 + 15 + 21) (8)	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	0·0
Kola, ½ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Petrozavodsk, ½ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Mezen, ⅓ (7 + 13 +21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Oust-Tsylma, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Obdorsk, ⅓ (7 +13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Sourgout, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Touroukhansk, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Iakoutsk, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Verkholansk, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0
ZONE 3.													
Sitka for St. Paul Is., ½ (6 +18) (8)	+0·1	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Sitka for Dutch Harbor and Kodiak, ½ (2 + 14) (8)	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	-0·1	-0·1
Sitka for Dutch Harbor, ½ (1 + 13) (8)	..	..	..	..	..	..	-0·1	-0·1	-0·1	..	..	..	..
Sitka for Kodiak, ½ (3 + 15) (8)	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	..	..	..	..	..	..
Sitka and Victoria for Prince Rupert, ½ (5 + 17) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Victoria for Kamloops, ½ (4½ + 16½) (1)	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Victoria and Moose Jaw for Calgary, ½ (5½ + 17½) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·1	+0·2
Fort Confidence and Moose Jaw for Fort Chipewyan, ½ (8 + 18) (1)	0·0	+0·1	+0·1	+0·1	0·0	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	+0·1	0·0
Moose Jaw for Prince Albert and Qu'Appelle, ½ (6 + 18) (1)	+0·3	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	+0·2	+0·3	+0·3	+0·3	+0·2
Moose Jaw and Winnipeg for Minnedosa, ½ (7 + 19) (1)	+0·2	+0·1	+0·1	+0·1	+0·1	-0·1	-0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Fort Churchill for Port Nelson, ½ (7½ + 18½) (1)	-0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·2	+0·1	+0·1	-0·1	-0·2	-0·2	0·0
Le Pas and Fredericton for Moose Factory, ½ (9 + 14 + 19) (1)	+0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	-0·1	-0·1	0·0	0·0	0·0
Hamburg, ½ (8 + 14 + 20) (1)	+0·1	+0·1	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Hamburg and Uppsala for Copenhagen, ⅓ (8 + 14 + 21) (2)	+0·1	-0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	-0·1	+0·1

TABLE 1. - CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN - Cont.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
ZONE 3 - Continued.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Warsaw, ½ (7 + 13 + 21) (11)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	0·0
Leningrad, ½ (7 + 13 + 21) (2)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0
Moscow, ½ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	+0·1	0·0
Saratov, ½ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0
Kazan, ½ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	-0·1
Orenburg, ½ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	+0·1	0·0
Perm, ½ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	-0·1
Sverdlovsk, ½ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Tobolsk, ½ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	-0·1	0·0	0·0	0·0	+0·1	0·0
Akmolinsk, ½ (7 + 13 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	0·0	0·0	0·0
Omsk, ½ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	-0·1
Barnaoul, ½ (7 + 13 + 21) (2)	0·0	0·0	0·0	0·0	-0·1	0·0	-0·1	0·0	-0·1	0·0	0·0	0·0	0·0
Tomsk, ½ (7 + 13 + 21) (1)	0·0	0·0	0·0	-0·1	-0·1	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0
Minousinsk, ½ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Eniseisk, ½ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Irkutsk, ½ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·2	-0·2	-0·2	-0·2	-0·2	-0·1	0·0	0·0	0·0	0·0
Kirensk, ½ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	+0·1	-0·1
Tchita, ½ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	-0·1
Nertchinsk for Nertchinskii Zavod, ½ (7 + 13 + 21) (2)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	-0·1
Blagovyeshchensk, ½ (7 + 13 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	-0·1
Nikolaevsk-sur-Amour, ½ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	0·0
Okhotsk, ½ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
ZONE 4.													
Victoria, ½ (5 + 17) (1)	+0·1	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2	+0·2	+0·2
Winnipeg, ½ (7 + 14 + 19) (1)	0·0	+0·1	+0·1	+0·1	+0·1	0·0	0·0	+0·1	+0·1	0·0	0·0	0·0	0·0
Port Arthur, ½ (7 + 19) (1)	+0·1	+0·2	+0·2	+0·1	+0·2	+0·1	+0·1	+0·2	+0·2	+0·1	0·0	0·0	+0·1
Toronto, ½ (8 + 20) (1)	-0·4	-0·4	-0·4	-0·5	-0·3	-0·2	-0·2	-0·3	-0·4	-0·3	-0·3	-0·4	-0·3
New York, ½ (7 + 14 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	+0·1	0·0
St. John, N.B., ½ (9 + 15 + 21) (1)	-0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	0·0	+0·1
Madrid, ½ (7 + 13 + 18) (1)	+0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	+0·1	0·0
Nice for Marseille, ½ (7 + 12 + 18) (15)	+0·1	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Rome, ½ (9 + 15 + 21) (3)	-0·3	-0·3	-0·1	-0·1	-0·1	-0·2	-0·2	-0·2	-0·1	-0·3	-0·3	-0·2	-0·2
Sofia, ½ (7 + 14 + 21) (1)	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1	0·0
Odessa, ½ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	0·0
Novorossiisk, ½ (7 + 13 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·2	-0·1	-0·1	0·0	0·0	+0·1	0·0
Tiflis, ½ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·2	-0·2	-0·1	0·0	0·0	0·0	-0·1
Astrakhan, ½ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·2	-0·2	-0·1	0·0	0·0	+0·1	-0·1
Fort Alexandrovsk, ½ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·2	-0·1	-0·1	0·0	0·0	-0·1
Krasnovodsk, ½ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·2	-0·2	-0·1	-0·1	0·0	0·0	-0·1
Tashkent, ½ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·2	-0·3	-0·2	-0·2	-0·3	-0·2	-0·1	0·0	0·0	-0·1
Narynskoe, ½ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·2	-0·3	-0·2	-0·2	-0·2	-0·2	-0·1	0·0	0·0	-0·1
Alma Ata, ½ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·2	-0·3	-0·2	-0·2	-0·2	-0·2	-0·1	0·0	0·0	-0·1
Vladivostok, ½ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·2	-0·2	-0·2	-0·2	-0·2	-0·1	0·0	0·0	-0·1
ZONE 5.													
Madeira (Funchal), ½ (9 + 15 + 21) (1)	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·2	-0·2	-0·2	-0·1	-0·1	-0·1	-0·1
Bouzaréah for Melilla and Colomb Béchar, ½ (7 + 13 + 18) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	+0·1	+0·2	+0·1
Lisbon for Gibraltar, ½ (7 + 13 + 21) (4)	0·0	-0·1	-0·1	-0·2	-0·2	-0·2	-0·3	-0·3	-0·2	-0·1	-0·1	0·0	-0·1
Palma, ½ (7 + 13 + 18) (1)	0·0	0·0	0·0	+0·1	+0·1	0·0	-0·2	-0·1	-0·1	-0·2	-0·2	-0·1	-0·1
Metlaoui for Tunis, ½ (8 + 14 + 19) (1)	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2
Metlaoui for Malta, ½ (7 + 18) (1)	+0·3	+0·3	+0·4	+0·5	+0·5	+0·5	+0·5	+0·5	+0·4	+0·4	+0·3	+0·3	+0·4
Naples for Riposto, ½ (9 + 15 + 21) (2)	0·0	0·0	-0·1	-0·1	-0·1	-0·2	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1
Alexandria, ½ (8 + 14 + 20) (17)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	-0·1	-0·1	0·0	0·0
Smyrna for Ankara, ½ (7 + 14 + 21) (21)	+0·1	+0·1	0·0	-0·1	-0·1	0·0	0·0	-0·1	0·0	0·0	+0·1	+0·1	0·0
Athens and Cairo for Nicosia, ½ (8 + 15) (1)	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2
Ksara (922m.) for Beirut, ½ (8½ + 14½ + 20½) (1)	-0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	-0·1	-0·1
Hinaidi, ½ (5 + 10) (16)	-0·1	-0·2	..	..	..	..	..	..	..	..	..	..	..
Hinaidi, ½ (2 + 6 + 13) (16)	..	..	-0·2	-0·1	-0·1	-0·2	-0·3	-0·2	-0·1	-0·1	-0·1	0·0	-0·1
Peshawar, 8h. (6)	-0·9	-1·1	-1·2	-1·4	-1·8	-2·1	-2·0	-1·9	-1·8	-1·8	-1·5	-1·0	-1·6
Lahore, 8h. (6)	-0·7	-0·6	-1·0	-1·2	-1·3	-1·6	-1·3	-1·5	-1·4	-1·4	-1·0	-0·9	-1·1
Simla, 8h. (6)	-0·2	-0·2	-0·2	-0·4	-0·6	-0·5	-0·5	-0·4	-0·5	-0·5	-0·6	-0·4	-0·4
Leh, 8h. (6)	-1·0	-0·9	-1·4	-1·3	-1·3	-1·6	-1·8	-1·7	-1·9	-1·7	-1·5	-1·2	-1·5
Zi-Ka-Wei for Hankow, ½ (6 + 14 + 22) (7)	+0·3	+0·2	+0·2	+0·1	0·0	0·0	-0·1	0·0	0·0	+0·2	+0·2	+0·3	+0·1
Pekin for Tientsin, ½ (6 + 14 + 22) (8)	+0·3	+0·3	+0·1	0·0	-0·1	-0·1	-0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·1

TABLE 1. CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN - Cont.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
ZONE 6.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Mexico for Guaymas, Leon, Monterry and Tulancingo, ½ (7 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	+0·1	0·0	0·0	+0·2	0·0
Nassau, Bahamas, ½ (8 + 15) (1)	+0·1	+0·1	0·0	+0·1	0·0	+0·1	+0·2	+0·2	+0·1	+0·2	+0·1	+0·1	+0·1
Izaña, ½ (7 + 13 + 18) (18)	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1
Cairo for Siwa, 8h. (20)	+0·8	+0·8	+0·8	+0·8	+0·8	+0·9	+1·0	+0·9	+0·8	+0·8	+0·8	+0·7	+0·8
Cairo, ½ (8 + 14 + 20) (20)	+0·1	0·0	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0
Khartoum and Cairo for Aswan, ½ (8 + 14 + 20) (17)	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Khartoum and Cairo for Tor, ½ (8 + 14 + 20) (17)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0
Karachi, 8h. (6)	-1·5	-1·5	-1·4	-1·3	-1·3	-0·9	-0·8	-1·0	-1·2	-1·4	-1·5	-1·5	-1·3
Jacobabad, 8h. (6)	-1·1	-1·3	-1·7	-1·7	-1·8	-1·7	-1·5	-1·4	-1·5	-1·4	-1·4	-1·2	-1·5
Jaipur, 8h. (6)	-1·1	-1·2	-1·5	-1·6	-1·8	-1·6	-1·2	-1·2	-1·4	-1·6	-1·3	-1·3	-1·4
Nagpur, 8h. (6)	-1·7	-1·9	-2·1	-2·3	-2·2	-1·4	-1·2	-1·2	-1·5	-1·7	-1·8	-1·7	-1·7
Allahabad, 8h. (6)	-1·5	-1·6	-1·9	-2·0	-1·9	-1·7	-1·2	-1·2	-1·6	-1·7	-1·7	-1·6	-1·6
Darjeeling, 8h. (6)	-0·3	-0·3	-0·6	-0·8	-0·9	-0·8	-0·6	-0·6	-0·8	-0·8	-0·7	-0·5	-0·6
Calcutta, 8h. (6)	-1·6	-1·6	-1·7	-1·8	-1·5	-1·1	-0·9	-1·0	-1·2	-1·6	-1·7	-1·7	-1·5
Dinajpur and Sibsagar for Gauhati, 8h. (6)	-1·7	-1·6	-1·9	-2·0	-1·8	-1·4	-1·4	-1·5	-1·6	-1·8	-1·9	-1·8	-1·7
Akyab, 8h. (6)	-1·5	-1·5	-1·6	-1·7	-1·1	-0·8	-0·8	-0·9	-1·2	-1·4	-1·3	-1·5	-1·3
Mandalay, 8h. (6)	-1·7	-1·8	-2·1	-2·1	-1·7	-1·4	-1·3	-1·3	-1·6	-1·8	-1·8	-1·8	-1·7
ZONE 7.													
Mexico for Colima, Morelia and Salina Cruz, ½ (7 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·2	0·0
Port au Prince, ½ (7 + 13 + 21) (12)	-0·1	-0·2	-0·3	-0·3	-0·3	-0·2	-0·2	-0·2	-0·2	-0·2	-0·1	-0·1	-0·2
Grenada (Richmond Hill), ½ (9 + 18) (1)	-0·7	-0·6	-0·5	-0·4	-0·3	-0·2	-0·2	-0·2	-0·4	-0·5	-0·6	-0·6	-0·4
Barbados, ½ (9 + 15) (12)	-0·3	-0·1	-0·1	0·0	+0·1	+0·1	0·0	-0·2	-0·3	-0·1	-0·1	-0·2	0·0
Khartoum, and for El Fasher and El Obeid, ½ (8 + 14 + 20) (17)	-0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1
Khartoum and Cairo for Port Sudan, ½ (8 + 14 + 20) (17)	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Aden, 8h. (6)	-1·6	-1·7	-1·7	-1·5	-1·6	-2·0	-2·1	-2·2	-1·9	-1·4	-1·7	-1·3	-1·8
Bombay, 8h. (6)	-2·0	-1·9	-2·0	-2·0	-1·8	-1·1	-1·0	-1·2	-1·6	-2·0	-2·2	-2·1	-1·8
Bangalore, 8h. (6)	-1·7	-1·7	-1·9	-2·1	-1·8	-1·2	-1·0	-1·3	-1·5	-1·7	-1·6	-1·7	-1·6
Madras, 8h. (6)	-1·5	-1·5	-1·7	-1·7	-1·6	-1·6	-1·5	-1·6	-1·8	-1·7	-1·5	-1·5	-1·6
Vizagapatam, 8h. (6)	-1·7	-1·6	-1·8	-1·8	-1·7	-1·2	-1·1	-1·2	-1·3	-1·6	-1·6	-1·7	-1·5
Fort Blair, 8h. (6)	-1·3	-1·2	-1·2	-1·3	-1·1	-0·9	-0·8	-0·9	-1·1	-1·2	-1·2	-1·3	-1·1
Rangoon, 8h. (6)	-1·7	-1·9	-2·1	-2·2	-1·6	-1·0	-1·0	-1·0	-1·3	-1·8	-1·5	-1·8	-1·6
Bolinao, ½ (6 + 14) (1)	+0·5	+0·5	+0·5	+0·5	+0·5	+0·5	+0·4	+0·5	+0·6	+0·6	+0·6	+0·6	+0·5
Ormoc, ½ (6 + 14) (1)	+0·7	+0·6	+0·6	+0·7	+0·6	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·7	+0·7
ZONE 8.													
Duala and Sansane Mangu for Freetown, Sierra Leone, ½ (9 + 17) (1)	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	0·0	0·0
Duala for Accra, 9h. (1)	-1·7	-1·7	-1·8	-1·8	-1·7	-1·6	-1·6	-1·6	-1·8	-1·9	-1·7	-1·7	-1·7
Duala for Lagos, ½ (9 + 15) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	-0·1	-0·1	-0·1	+0·1	+0·2	+0·1	0·0
Entebbe, ½ (7 + 14 + 21) (1)	+0·1	0·0	-0·2	-0·2	-0·2	0·0	+0·1	+0·2	+0·1	-0·2	-0·3	-0·1	-0·1
Cochin, 8h. (6)	-1·9	-1·8	-1·8	-1·6	-1·2	-0·7	-0·7	-0·9	-1·2	-1·4	-1·6	-1·8	-1·4
Colombo, ½ (9½ + 15½) (6)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Trincomalee, ½ (9½ + 15½) (6)	-0·1	-0·1	0·0	+0·2	+0·3	+0·3	+0·4	+0·3	+0·3	+0·2	+0·1	0·0	+0·2
Singapore, ½ (9 + 15 + 21) (2)	-0·2	-0·2	-0·2	-0·3	-0·2	-0·2	-0·2	-0·2	-0·2	-0·3	-0·2	-0·3	-0·2
Manila for Iwahig, ½ (6 + 14) (12)	+0·7	+0·6	+0·6	+0·6	+0·6	+0·5	+0·5	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6
ZONE 9.													
Quixeramobim, and for Turyassu and Barra do Corda, ½ (7 + 14 + 21) (1)	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1
Ascension Island, ½ (9 + 21) (1)	-0·8	-0·9	-0·9	-0·9	-0·9	-0·8	-0·8	-0·8	-0·9	-1·0	-0·9	-0·8	-0·9
Zanzibar, 8h. (6)	-2·1	-2·1	-1·6	-1·3	-1·1	-1·1	-1·1	-1·1	-1·3	-1·6	-1·5	-1·6	-1·5
Ocean Island, ½ (8 + 20) (1)	-0·9	-0·9	-1·0	-0·9	-0·8	-0·7	-0·6	-0·7	-0·7	-0·8	-0·7	-0·8	-0·8

TABLE 1. CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN - Cont.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
ZONE 10.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Apia for Alofi, Niue Island, 9h. (10)	-1·2	-1·3	-1·4	-1·5	-1·5	-1·5	-1·4	-1·5	-1·5	-1·4	-1·3	-1·2	-1·4
Mollendo for Lima, ½ (10 + 16) (13)	+0·7	+0·7	+0·6	+0·5	+0·4	+0·3	+0·3	+0·2	+0·3	+0·4	+0·6	+0·6	+0·5
St. Helena, 6½h. (1)	-0·3	-0·1	0·0	-0·1	0·0	+0·2	+0·3	+0·2	+0·1	0·0	-0·2	-0·3	0·0
Zomba, ½ (9 + 21) (1)	-0·8	-0·8	-0·8	-0·9	-0·9	-0·9	-0·9	-1·0	-1·0	-0·9	-0·9	-0·9	-0·9
Derby, ½ (9 + 15) (1)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0
Hall's Creek, ½ (9 + 15) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·3
Darwin, ½ (9 + 15) (1)	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·1	+0·1	0·0	0·0	-0·1	-0·1	0·0
Daly Waters, ½ (9 + 15) (1)	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3
Mein, ½ (9 + 15) (1)..	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1
Georgetown, Queensland, ½ (9 + 15) (1)	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Apia for Suva, Fiji, ½ (8½ + 15½) (10)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1
ZONE 11.													
Santiago for Punta Tortuga, ⅓ (7 + 14 + 21) (1)	-0·3	-0·2	-0·2	0·0	0·0	+0·1	+0·1	0·0	-0·1	-0·1	-0·2	-0·3	-0·1
Mollendo for Iquique, ⅓ (7 + 14 + 21) (13)	-0·1	-0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	-0·1	-0·2	-0·1	0·0
Curityba, ⅓ (7 + 14 + 21) (12) ..	-0·2	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	+0·1	0·0	-0·1	-0·1	-0·2	0·0
Kimberley and for Windhoek and O'Okiep, 8½h. (14)	-1·5	-1·4	-1·4	-1·3	-1·2	-1·2	-1·2	-1·4	-1·6	-1·6	-1·6	-1·5	-1·4
Kimberley, ⅓ (8½ + 14½ + 20½) (14)..	0·0	0·0	0·0	0·0	0·0	0·0	..	..	..	..	..	..	..
Johannesburg, 8½h. (1)	-1·0	-1·1	-1·1	-1·1	-1·0	-1·0	-1·1	-1·3	-1·3	-1·2	-1·1	-1·1	-1·1
Bulawayo, 8h. (1)	-1·3	-1·2	-1·1	-1·0	-1·0	-0·9	-0·9	-1·0	-1·3	-1·4	-1·4	-1·3	-1·1
Lourenço Marques for Durban, 8½h. (1)	-1·4	-1·3	-1·3	-1·3	-1·3	-1·3	-1·4	-1·6	-1·7	-1·7	-1·6	-1·5	-1·5
Onslow, ½ (9 + 15) (1)	-0·2	-0·2	-0·1	-0·1	-0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·2	-0·1
Cue, ½ (9 + 15) (1)..	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·1	+0·1	+0·2
Nullagine, ½ (9 + 15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	0·0	+0·1
Laverton, ½ (9 + 15) (1)..	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3	+0·3
Alice Springs, ½ (9 + 15) (1).. ..	+0·6	+0·5	+0·7	+0·7	+0·8	+0·9	+0·9	+1·0	+1·0	+0·9	+0·9	+0·8	+0·8
Boulia, ½ (9 + 15) (1)	+0·4	+0·4	+0·5	+0·5	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6	+0·5	+0·6
Mitchell, and for Thargomindah, ½ (9 + 15) (1)	0·0	+0·1	+0·1	+0·2	+0·3	+0·3	+0·4	+0·4	+0·5	+0·5	+0·3	+0·2	+0·3
Rockhampton, ½ (9 + 15) (1)	-0·2	-0·1	-0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	-0·1	0·0
Brisbane, ½ (9 + 15) (1)..	+0·2	-0·1	-0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	-0·1	0·0
ZONE 12.													
Valdivia for Punta Tumbes, ⅓ (7 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1
Santiago, and for Valparaiso, ⅓ (7 + 14 + 21) (1)	-0·3	-0·2	-0·2	0·0	0·0	+0·1	+0·1	0·0	-0·1	-0·1	-0·2	-0·3	-0·1
Montevideo, ⅓ (7 + 14 + 21) (12) ..	-0·1	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	+0·1	-0·1	-0·1	-0·1	-0·2	0·0
Cape Town, ⅓ (8½ + 12½ + 20½) (2) ..	-0·4	-0·4	-0·3	-0·3	-0·2	-0·2	-0·2	-0·3	-0·3	-0·3	-0·3	-0·3	-0·3
Cape Town for Danger Point and East London, 8½h. (2)	-0·5	-0·6	-0·7	-0·7	-0·7	-0·7	-0·7	-0·8	-0·8	-0·7	-0·6	-0·5	-0·7
Cape Leeuwin for Perth, ½ (9 + 15) (1)	-0·2	-0·3	-0·1	0·0	0·0	+0·1	+0·1	+0·1	0·0	-0·1	-0·2	-0·2	-0·1
Breaksea Island for Katanning, ½ (9 + 15) (1)	0·0	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·2	0·0	+0·1	+0·1	0·0	+0·1
Coolgardie, ½ (9 + 15) (1)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Streaky Bay, ½ (9 + 15) (1)	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1
Adelaide, ½ (9 + 15) (1)..	0·0	0·0	-0·1	-0·1	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·1	+0·1	0·0
Bourke, ½(9 + 15) (1)	+0·2	+0·2	+0·1	+0·2	+0·3	+0·4	+0·5	+0·5	+0·5	+0·5	+0·5	+0·3	+0·3
Sydney, ½ (9 + 15) (1)	+0·1	0·0	-0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
ZONE 13.													
Santiago and Punta Arenas for Isla Guafo and Punta Galera, ⅓ (7 + 14 + 21) (1)	-0·3	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	0·0	-0·1	-0·1	-0·1	-0·3	-0·1
Hobart, and for Launceston, ½ (9 + 15) (1)	+0·2	+0·2	+0·2	+0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·2	+0·3	+0·3	+0·2
ZONE 14.													
Punta Arenas, and for Islota de los Evangelistas and Punta Dungeness, ⅓ (7 + 14 + 21) (1)	-0·1	-0·1	-0·1	0·0	+0·1	+0·1	+0·2	+0·1	0·0	0·0	0·0	-0·1	0·0
South Georgia, ⅓ (8 + 14 + 20) (1)..	0·0	+0·1	0·0	-0·1	-0·1	+0·2	+0·2	+0·2	+0·1	0·0	0·0	+0·1	+0·1

TABLE 1. CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN-Continued.

(1) Prepared in M.O.

(2) Buchan, A., Report on . . . Voyage of H.M.S "Challenger", 1873-76. Physics and Chemistry, vol. ii., part v. Report on Atmospheric Circulation. London, 1889.

(3) Eredia, F., Il clima di Roma, 1911.

(4) Lima, A., O clima de Portugal Continental, 1922.

(5) Washington, Report of the International Polar Expedition to Point Barrow, Alaska, 1885.

(6) Indian Meteorological Memoirs, vol. xvii.

(7) Zi-Ka-Wei, Bulletin des Observations, 1910.

(8) Rykatchew, M., La marche diurne du baromètre en Russie, 1879.

(9) Le Cadet, G., Le climat du Delta du Tonkin, 1911.

(10) Tetens, O., u. Linke, F., Das Klima von Samoa, 1910.

(11) Gorczynski, Wl., Pression atmosphérique en Pologne et en Europe, 1917.

(12) Hann, J. von, Die ganstägige (24-Stündige) Luftdruckschwankung . . . . 1919.

(13) Cambridge, Mass., Astr. Obs. Harvard College, Annals, Vol. 49, parts i and ii.

(14) Sutton, J.R. Diurnal Variation of Barometric Pressure, 1907.

(15) Angot, A., Étude sur le climat de la France. Pression atmosphérique. Paris, Ann. Bur. Centr. Météor., 1906, part i, page 83.

(16) Eredia, F., Sul clima di Bagdad. Rome, 1917.

(17) Corrections supplied by Cairo, Phys. Dept.

(18) Madrid, Anuario del Obs., Tomo III., Suppl. 3, p. 4.

(19) Christiania, Jahrb. d. Norweg. Meteor. Instituts, 1891, p. xiii.

(20) Cairo, Phys. Dept., Climatological normals for Egypt and the Sudan, Candia, Cyprus and Abyssinia, Cairo, 1922.

(21) Knock, K., Ergebnisse mehrjähriger Registrierungen des Lüftdrücks zu Smyrna. Met. Zs. vol.30, 1913.

ADDITIONS AND CORRECTIONS.

1910 - 1927:-

654. Calcutta. Latitude and longitude should read 22° 32′N., 88° 20′E. throughout.

1926 - 1927:-

339. Copenhagen. Table of Authorities: Remarks, insert "c".

1927:-

1035. St. Helena. Summary of Winds within the Tropics, p.117. Hour of observations: for 9h. read 6½h.

1044. Zomba. January. Longitude: for 25° 18′W. read 35° 18′W.

1928:-

1222a. Santiago. Latitude should read 33° 27′S. throughout.

		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1928:-														
245 Arkhangelsk. Insert the following pressure, temperature and precipitation:-														
Station Level	mb.	1008·2	1011·0	1017·0	1014·3	1015·1	1004·8	1004·3	1009·1	1013·2	1007·5	1011·2	1012·8	1010·7
M.S.L.	mb.	1009·0	1011·8	1017·8	1015·1	1015·9	1005·6	1005·1	1009·9	1014·0	1008·3	1012·0	1013·6	1011·5
Diff.	mb.	-2·9	+0·9	+5·5	+1·5	+1·9	-6·4	-5·5	-0·1	+2·4	-4·0	+0·8	+2·5	-0·4
24hr.Mean	°A.	263·7	262·4	265·9	270·3	279·3	283·5	287·8	286·4	280·9	273·7	265·3	267·6	273·9
Diff.	°A.	+4·2	+2·1	+0·7	-1·5	+1·3	-1·4	-0·9	-0·1	-0·1	-0·5	-2·0	+5·9	+0·6
Total	mm.	20	13	26	21	38	100	60	90	43	74	35	33	553
Diff.	mm.	-3	-5	+6	+2	+8	+55	0	+28	-12	+34	+4	+9	+126
249 Berezov. Height should read 46m. Insert the following pressure, temperature and precipitation:-														
Station Level	mb.	1009·9	1010·8	1009·1	1004·8	1011·4	999·3	1005·4	1005·9	1011·6	1006·0	1015·6	1013·1	1008·6
M.S.L.	mb.	1016·2	1017·0	1015·3	1010·8	1017·2	1005·4	1010·6	1011·4	1017·3	1011·9	1021·8	1019·3	1014·5
Diff.	mb.	+2·1	+0·8	-0·7	-6·1	+3·5	-5·4	+1·3	+1·8	+6·3	-0·2	+8·6	+0·9	+1·0
24hr.Mean	°A.	251·4	256·7	256·9	265·3	275·2	283·6	290·5	287·8	281·8	270·3	257·5	256·7	269·5
Diff.	°A.	+1·9	+2·6	-3·1	-2·7	-0·2	+0·1	+1·8	+2·0	+2·5	+0·8	-1·1	+3·8	+0·7
Total	mm.	19	36	8	36	39	135	72	46	22	52	14	19	498
Diff.	mm.	+2	+24	-8	+19	+2	+84	+12	-14	-20	+28	-7	+4	+126

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S.	E.															
942	Tshibinda	2 19	28 45	2115														
	1928																	
	January				..	..	..	293·9	298·5	..	284·7	282·5	..	289·3	*290·1*	..	125	..
	February				..	..	..	293·7	296·5	..	284·4	282·5	..	289·1	*289·3*	..	183	..
	March				..	..	..	293·6	295·2	..	283·9	281·1	..	288·7	*289·4*	..	177	..
	April				..	..	..	292·4	294·0	..	285·9	282·5	..	289·1	*289·5*	..	349	..
	May				..	..	..	291·5	293·1	..	284·5	282·0	..	288·0	*288·6*	..	273	..
	June				..	..	..	292·7	295·5	..	283·6	281·1	..	288·1	*288·9*	..	55	..
	July				..	..	..	293·0	296·0	..	281·5	279·0	..	287·3	*288·2*	..	19	..
	August				..	..	..	293·9	296·0	..	281·8	279·2	..	287·9	*288·9*	..	51	..
	September				..	..	..	294·2	298·2	..	282·8	280·4	..	288·5	*289·4*	..	117	..
	October				..	..	..	294·1	296·5	..	283·5	280·7	..	288·8	*289·2*	..	193	..
	November				..	..	..	294·1	295·3	..	283·6	282·6	..	288·9	*289·5*	..	113	..
	December				..	..	..	293·8	296·2	..	284·5	282·3	..	289·1	*289·7*	..	263	..
	Year				..	..	..	293·4	295·7	..	283·7	281·3	..	288·5	*289·3*	..	1918	..

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks
245	Arkhangelsk	Washington, Smiths, Inst. Misc. Coll., 90, 1934.	P,1851-1917.& ,1813-1917. R,1871-1917.	e P = ⅓ (7+13+21).& derived from these hours.
249	Berezov	do. do.	P,25 yrs.,1887-1920.&,35 yrs., 1881-1920. R,35yrs., 1878-1920. ..	e do. do.
942	Tschibinda	MS. data supplied by Ministere des Colonies, Bruxelles.		& = ⅕ (8+14+18+M+m).

RÉSEAU MONDIAL, JANUARY 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY, 1928 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. JANUARY - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	7·0	..	1011·8	- 7·9	256·1	271·9	1st	247·3	238·6	16th	251·7	..	+ 5·0	0	- 4
125	Upernivik	72 47	56 7	19·2	988·4	990·9	-14·9	262·6	277·3	16th	254·6	247·5	12th	258·6	*257·9*	+ 7·0	6	- 5
131	Myggbukta	73 30	21 30	3·2	..	999·0	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	993·0	995·2	..	263·3	270·6	18th	254·5	244·5	16th	258·9	*259·1*	..	18	..
136	Jan Mayen	70 59	W. 8 18	23·1	987·2	990·1	-10·8	..	276·5	25th	267·0	257·4	9th	..	*269·5*	- 0·4	56	+15
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	994·5	995·9	- 9·3	..	276·4	22nd	256·6	243·3	16th	..	261·4	+ 4·1	65	+30
140	Björnöen	74 28	19 17	40·5	990·4	995·5	- 7·3	..	277·3	22nd	266·8	254·3	17th	..	*269·4*	+ 2·2	66	+29
141	Ingøy	71 4	24 6	7·5	997·1	998·1	- 5·8	..	276·8	23rd	269·6	264·7	31st	..	*271·2*	+ 0·1	41	- 9
142	Sletnes	71 5	28 14	10·2	998·5	999·8	- 1·8	..	275·4	27th	266·9	261·7	26th	..	*269·5*	..	20	..
143	Vardö	70 22	31 8	11·8	1000·1	1001·6	- 2·3	..	276·2	18th	266·3	257·8	21st	..	*268·7*	+ 1·2	23	-42
147	Malye Karmakouly	72 23	52 43	15·3	1004·4	1006·4	- 1·3	263·5	272·5	24th	256·7	246·4	8th	260·1	*260·4*	+ 3·1	..	..
148	Malgatz	70 24	58 47	11·2	1007·0	1008·5	+ 0·9	..	..	..	251·4	240·6	22nd	..	*255·6*	- 0·3	..	..
153	Dickson	73 31	80 23	13·0	1011·2	1013·0	- 0·5	..	..	..	245·9	234·8	21st	..	*249·1*	+ 1·5	2	- 8
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. JANUARY - ZONE 2.

201	Preobrajenye	N.	W.															
203	Nome	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204	Bethel	64 30	165 24	6·7	1000·7	1001·3	- 7·9	264·2	274·1	30th	255·2	238·6	16th	259·7	*260·1*	+ 4·1	43	+16
205	Tanana	60 45	161 47	11·6	..	999·6	..	265·2	276·3	19th,29th	256·5	236·9	10th	260·9	..	..	11	..
206	Rampart	65 10	152 6	69·5	999·2	1007·8	- 5·3	256·7	264·1	29th,31st	251·4	233·0	18th	255·1	*255·0*	+ 8·4	15	- 2
207		65 30	150 15	114	..	..	..	255·3	260·8	5th	249·3	234·1	18th	252·3	..	+ 7·7	7	-10
208	Valdez																	
209	Eagle	61 7	146 16	122	..	..	..	270·9	274·7	8,15,26	264·1	256·3	18th	267·5	..	..	162	..
210	Dawson	64 46	141 12	246	979·2	1011·5	- 4·1	260·1	268·0	8th	252·5	240·8	22nd	256·3	*256·1*	+ 9·2	5	- 6
211	Mayo Landing	64 4	139 29	324	974·7	1018·7	- 3·4	253·0	264·7	12th	246·3	234·1	3rd	249·7	*249·7*	+ 6·9	30	+ 9
212	Fort Good Hope	63 35	135 51	579	951·9	1029·8	..	..	..	..	247·4	233·6	3rd	..	..	..	22	..
213	Fort Simpson	66 25	128 53	65·2	1009·8	1018·8	- 5·9	254·7	273·0	11th	244·7	231·3	13th	249·7	..	+ 7·2	1	-17
		61 52	121 35	129	998·6	1016·4	- 4·6	..	..	..	..	..	..	250·1	..	+ 5·5	1	-15
214	Hay River																	
220	Jacobshavn	60 51	115 20	161	993·1	1014·9	- 4·6	259·1	279·1	7th	246·9	228·6	14th	253·0	..	+ 6·3	23	+ 7
226	Godthaab	69 13	51 2	31·6	982·3	986·4	-16·8	265·3	276·8	15th	258·4	251·6	13th	261·9	*261·8*	+ 6·8	8	- 1
227	Ivigtut	64 10	51 43	20	..	..	..	267·5	273·0	2nd,27th	262·4	258·2	31st	264·9	*265·0*	+ 1·8	5	-32
229	Angmagssalik	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		65 37	37 33	29·3	981·5	985·2	-11·9	270·0	277·2	17th	263·7	254·5	10th	266·9	*267·0*	+ 2·0	34	-50
231	Stykkisholm	65 5	22 46	25	..	985·5	-11·9	274·2	278·6	16th	269·6	265·3	12th	271·9	*272·0*	+ 1·2	70	- 1
233	Westmanno	63 24	20 17	132	..	984·3	-14·0	276·8	279·3	17th,23rd	272·1	267·5	11th	274·5	*274·1*	+ 0·3	186	+40
234	Grimsey	66 33	18 1	22·0	..	986·0	-14·6	273·4	277·7	1st	270·3	265·2	9th	271·9	*271·7*	+ 0·5	2	-14
235	Akureyri	65 41	18 5	** 7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
236	Teigarhorn	64 41	14 22	18·0	..	986·4	-13·6	275·4	279·8	20th	270·8	266·0	9th	273·1	*272·5*	+ 0·5	118	- 8
	Hjlvig	62 3	6 45	22·9	987·2	990·0	-13·8	279·2	283·0	21st	274·4	271·2	7th	276·8	*277·2*	+ 0·9	258	+85
	Lerwick	60 8	W. 1 11	18·0	..	995·6	-11·0	279·3	281·9	21st	276·2	273·6	7th	277·7	*277·9*	+ 0·8	194	+86
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	996·0	1001·5	- 8·1	277·4	282·3	21st	273·7	268·2	19th	275·5	*275·6*	+ 0·9	238	+70
238	Aalesund	62 28	6 10	6·3	997·9	998·6	- 8·9	..	286·6	21st	273·7	267·6	19th	..	*276·3*	+ 0·9	85	-49
240	Trondhjem	63 26	10 25	59·2	993·3	1000·7	- 7·1	272·8	277·3	28th	267·2	257·6	17th	270·0	*270·8*	+ 0·4	49	-40
241	Bodö	67 17	14 2	22·3	*997·1*	999·9	- 4·8	..	278·1	21st	269·9	262·3	17th	..	*271·9*	+ 0·5	35	-50
242	Haparanda	65 50	24 9	9·2	1005·4	1006·6	- 3·0	266·9	272·5	27th	259·4	247·0	20th	263·1	*263·7*	+ 1·9	32	- 7
242a	Helsingfors	60 10	24 57	11·7	1009·4	1010·9	- 1·7	270·7	274·9	11th	266·3	254·0	18th	268·5	*268·7*	+ 2·0	40	- 5
	Kuopio	62 55	27 40	233	980·3	1010·3	- 1·5	266·3	272·6	27th	260·9	248·2	20th	263·6	*263·9*	+ 0·2	33	-13
243	Kola	68 53	33 1	6·7	1003·9	1004·8	- 2·2	287·1	275·0	1st,18th	259·5	248·8	9th	263·3	*263·8*	+ 2·4	9	- 3
244	Petrozavodsk	61 47	34 23	79·0	1001·1	1011·3	- 3·4	268·3	274·5	27th	262·4	248·0	21st	265·4	*265·2*	+ 2·4	26	0
245	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Mezen	65 50	44 16	14·9	1006·2	1008·1	- 2·7	285·5	272·9	28th	258·7	243·2	31st	262·1	*262·1*	+ 3·8	32	+19
247	Oust-Tsylma	65 25	52 18	68	1000·7	1009·8	- 0·8	263·9	272·7	28th	254·3	237·4	3rd	257·6	*257·8*	+ 1·8	11	- 9
248	Tcherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	1011·5	1018·4	+ 0·8	253·7	264·8	25th	245·1	230·4	23rd	249·4	*249·6*	+ 2·1	12	+ 3
252	New Port	67 42	72 57	3·3	..	..	..	254·3	266·7	25th	245·1	233·9	22nd	249·7	*250·3*	..	10	..
253	Sourgout	61 15	73 24	48	1011·8	1018·4	- 0·5	..	..	..	..	..	..	..	*251·0*	+ 1·1	21	+ 3
254	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Touroukhansk	65 47	87 57	45·0	1013·9	1020·2	- 2·1	..	..	..	..	..	..	..	*247·9*	+ 3·2	6	- 6
261	Villoulsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1013·8	1030·1	- 0·2	..	..	..	..	..	..	..	*229·7*	+ 0·4	7	- 2
263	Verkholansk	67 33	133 24	100	1005·4	1020·8	- 2·1	..	..	..	..	..	..	..	*223·9*	+ 1·0	1	- 3
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	22·7	1001·4	1004·4	-11·3	..	..	..	..	..	..	..	*251·7*	+ 1·7	12	+ 4
		° N. ′	° E., W. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
**height changed from 4m. to 7m. on June 1st, 1927.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	275·2	279·1	13th,20th	270·0	265·8	11th	272·6	..	..	71	-30
302	St. Paul Island	57 15	170 10	12·2	..	994·9	-10·0	272·3	275·8	1st,21st	268·7	261·9	7th,8th	270·5	..	+ 2·8	45	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	993·4	993·9	- 8·4	276·6	280·8	21,27,29	270·1	260·8	16th	273·3	*273·1*	+ 0·4	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	273·4	280·8	27th	264·6	255·2	12th,18th	269·0	..	+ 4·5	‡157	‡
306	Kodiak (Radio)	57 47	152 22	4·6	998·0	998·6	- 2·8	276·8	279·7	8th	271·0	264·1	17th	273·9	*274·5*	+ 2·3		
309	Sitka	57 3	135 19	19·8	..	..	..	278·9	283·6	4th	271·6	262·4	1st	275·3	..	+ 2·4	450	
310	Prince Rupert	54 18	130 18	51·8	1007·4	1013·8	+ 2·6	279·1	283·6	7th	273·0	264·1	1st	276·1	*276·5*	+ 2·9	193	
311	Barkerville	53 2	121 35	127·4	867·9	1020·0	+ 3·9	269·7	278·6	9th	263·0	241·9	1st	266·3	*266·3*	+ 2·2	69	
312	♯Kamloops	50 41	120 29	385	979·8	1028·8	+ 4·6	271·2	279·1	11th	256·2	247·4	1st	268·7	*268·8*	+ 0·8	31	
313	Calgary	51 2	114 2	1058	894·0	1021·7	+ 2·6	273·6	288·0	8th	261·9	238·6	1st	267·7	*267·6*	+ 5·6	12	
314	Fort Chipewyan	58 42	111 10	218	..	..	..	259·1	279·1	8th	252·4	239·1	14th	255·8	*255·5*	+ 7·6	12	
315	Prince Albert	53 10	105 38	437	961·7	1018·4	- 2·9	265·2	282·4	9th	253·6	232·4	1st	259·4	*259·3*	+ 6·8	3	
316	Qu'Appelle	50 30	103 47	651	937·8	1020·8	- 1·0	265·8	279·7	9th	255·8	235·2	1st	260·8	*260·5*	+ 5·8	6	
317	Minnedosa	50 15	99 50	515	951·9	1018·4	- 2·4	264·3	277·4	9th	254·5	238·3	15th	259·4	*258·9*	+ 5·5	7	
318	Berens River	52 18	97 23	216	..	..	..	256·2	274·1	11th	248·6	234·1	14th	252·4	..	+ 1·2	13	
318a	Port Nelson	57 0	92 51	14·9	1010·0	1012·0	- 5·4	248·6	261·9	8th	242·4	232·4	14th	245·5	..	- 0·4	..	
319	Pagwa	50 3	85 18	189	..	..	..	265·8	274·7	8th,12th	250·4	232·4	14th	258·1	..	+ 4·3	24	
320	Moose Factory	51 14	80 30	9·1	1009·1	1010·4	- 6·1	258·6	274·1	9th	245·8	234·1	28th	252·2	..	- 0·4	43	
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	
324	♯Natashquan	50 8	61 48	6·1	..	..	..	257·0	271·3	9th	242·2	225·2	14th	249·6	..	- 2·4	24	
326	Belle Isle	51 53	55 23	130	985·0	1002·5	- 4·8	263·7	275·2	1st	255·8	244·7	8th	259·7	*259·6*	- 0·4	..	
333a	62°-57°N. 20°-15°W.	..	..	‡	..	..	..	..	..	..	..	..	..	..	..	..	..	
334	Valentia Observatory	51 56	10 15	13·7	1008·3	1010·0	- 3·9	283·1	285·1	21st	279·0	275·3	28th	281·1	281·3	+ 1·2	206	
335	Aberdeen	57 10	W. 2 6	28·0	997·1	1000·3	-10·0	279·4	282·5	21st	275·1	272·4	1st	277·3	277·0	+ 0·5	97	
336	Greenwich	51 28	0 0	46·3	..	1013·1	- 3·2	281·6	286·3	6th	275·2	270·2	18th	278·4	278·6	+ 1·8	77	
337	Uccle	50 48	E. 4 22	100	1003·1	1015·5	- 1·5	280·0	283·4	6th	274·6	268·0	13th	277·3	277·3	+ 2·3	80	
338	De Bilt	52 6	5 11	3·0	1013·0	1013·4	- 3·1	279·0	283·0	7th	273·6	264·4	1st	276·3	276·6	+ 1·8	68	
338a	Hamburg	53 33	9 58	40·3	1008·8	1013·8	- 2·8	276·8	280·7	30th	272·6	264·3	3rd	274·7	*274·6*	+ 1·2	86	
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1010·8	1011·4	- 3·8	275·1	279·0	14th,28th	272·0	265·5	4th	273·5	*273·9*	+ 1·6	60	
340	Potsdam	52 23	13 4	84·9	1005·2	1015·9	- 1·8	276·6	280·8	6th	271·8	263·1	4th	274·2	274·0	+ 1·6	34	
340a	Uppsala	59 51	17 38	24	1005·8	1008·8	- 3·6	271·2	278·0	26th	266·4	253·0	19th	268·8	269·0	+ 0·2	45	
341	Warsaw	52 13	21 3	89·9	1007·0	1018·4	- 0·9	274·4	278·8	14th	269·8	259·9	3rd	272·1	*272·1*	..	33	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1003·1	1013·5	- 1·7	269·8	275·6	25th	264·7	246·2	20th	267·3	267·5	+ 1·1		
343	Leningrad	59 56	30 16	8·6	1011·8	1012·9	- 1·5	269·7	276·0	28th	264·3	252·0	21st	267·0	*267·1*	+ 1·9	21	
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	18	
344a	Moscow	55 50	37 33	187	998·0	1019·6	+ 0·3	268·5	274·4	6th	261·9	245·1	21st	265·2	*265·5*	+ 3·3	10	
345	Saratov	51 32	46 2	127	1007·8	1024·4	+ 1·1	265·7	273·1	11th	259·0	242·4	2nd	262·4	*262·7*	+ 2·7	23	
346	Kazan	55 47	49 8	79·9	1009·5	1021·0	- 0·4	265·2	27[illegible]·7	17th	259·6	242·8	2nd	262·4	*262·6*	+ 2	10	
347	Orenburg	51 45	55 6	109	1011·0	1025·7	+ 0·4	261·1	270·9	18th	254·0	234·4	5th	257·8	*257·7*	- 0·2	44	
348	Perm	58 1	56 16	163	998·7	1018·2	- 2·2	..	..	..	..	..	..	..	*260·4*	+ 3·2		
349	Sverdlovsk	56 50	60 38	281	981·5	1018·6	- 2·1	..	..	..	..	..	..	..	*258·2*	+ 1·4	12	
350	Tobolsk	58 12	68 14	108	1005·1	1019·7	- 1·2	..	..	..	..	..	..	..	*254·9*	+ 0·8	16	
351	Akmolinsk	51 12	71 23	347	980·7	1027·0	- 1·5	..	..	..	..	..	..	..	*255·5*	- 0·7	68	
352	♯Omsk	55 1	73 19	108	1007·8	1022·5	- 2·9	..	..	..	..	..	..	..	*253·7*	+ 0·1	6	
353	Barnaoul	53 20	83 48	162	1007·8	1029·7	+ 0·3	..	..	..	..	..	..	..	*257·0*	+ 1·6	50	
354	Tomsk	56 30	84 58	123	1009·4	1026·0	- 0·2	..	..	..	..	..	..	..	*255·3*	+ 1·7	58	
355	Minousinsk	53 43	91 41	249	998·0	1031·6	- 0·2	..	..	..	..	..	..	..	*255·4*	+ 2·6	5	
356	Eniseisk	58 27	92 10	81·2	1015·2	1028·3	- 0·4	..	..	..	..	..	..	..	*253·9*	+ 2·4	22	
357	Irkutsk	52 16	104 19	467	969·9	1032·5	- 0·3	..	..	..	..	..	..	..	*253·7*	+ 1·7	14	
358	Kirensk	57 47	108 7	278	993·5	1032·5	+ 2·5	..	..	..	..	..	..	..	*245·8*	- 0·1	23	
359	Tchita	52 2	113 30	685	938·3	1030·5	- 2·3	..	..	..	..	..	..	..	*247·9*	+ 1·8	5	
360	Nertchinskii Zavod	51 19	119 37	621	948·2	1033·3	+ 1·2	..	..	..	..	..	..	..	*244·7*	+ 1·0	9	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	
362	Blagovyeshchensk(Bureau Météor.)	50 16	127 30	142	1007·8	1027·6	+ 2·4	..	..	..	..	..	..	..	*248·6*	- 0·5	6	
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1013·6	1019·5	+ 2·8	..	..	..	..	..	..	..	..	..	5	
366	Okhotsk	59 21	143 17	6·0	1013·5	1014·3	- 0·6	..	..	..	..	..	..	..	*248·6*	- 0·6	0	
368	Petropavlovsk (Phare)	52 53	158 43	87·1	988·3	999·5	- 2·7	..	..	..	..	..	..	..	*262·4*	+ 0·3	9	
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1012·0	1020·7	+ 4·8	280·1	283·8	12th,30th	276·8	268·8	1st	278·4	*278·3*	+ 1·5	155	+40
412	Portland, Oregon	45 32	122 41	46·6	1017·7	1023·3	+ 4·7	279·2	288·0	11th	274·1	263·6	1st	276·7	*276·5*	- 0·1	130	-36
413	Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
414	Helena	49 44	113 24	953	..	..	..	272·7	286·9	11th	263·1	236·3	2nd	267·9	*267·9*	+ 2·9	17	0
414a	Salt Lake City	46 34	112 4	1253	876·9	1024·7	+ 4·6	272·7	285·8	10th	264·4	244·1	1st	269·6	*269·6*	+ 2·0	36	+13
415	Cheyenne	40 46	111 54	1329	874·4	1027·1	+ 5·3	275·3	286·3	13th	268·6	261·3	22nd	272·0	*271·9*	+ 0·6	21	-14
415a	North Platte	41 8	104 48	1856	813·0	1021·0	+ 3·8	279·3	286·9	10th	267·5	248·0	1st	272·9	*272·7*	+ 3·3	8	- 2
417	Bismarck	46 48	100 45	860	919·5	1022·3	+ 2·0	279·2	292·4	13th	264·9	248·0	1st	272·1	*271·1*	+ 4·3	3	- 8
418	Winnipeg	49 53	97 7	232	987·0	1017·5	- 3·4	268·9	280·2	12th	258·4	236·3	2nd	263·7	*263·6*	+ 3·4	6	- 7
418	Duluth	46 47	92 6	345	972·4	1015·9	- 3·0	265·8	278·6	10th	256·0	240·2	2nd	261·2	*261·2*	+ 1·4	18	- 8
419	Port Arthur	48 27	89 12	196	988·8	1014·3	- 3·8	266·3	278·0	6th,7th	256·9	243·6	28th	261·6	*261·6*	+ 3·5	14	- 5
420	Chicago	41 47	87 35	205	993·1	1018·6	- 0·7	272·8	288·6	14th	265·6	251·9	2nd	269·2	*269·4*	+ 0·9	19	-33
421	Toronto	43 40	79 24	116	999·5	1014·3	- 3·8	273·1	279·8	13th	266·3	256·9	29th	269·7	*269·3*	+ 2·1	58	-13
422	♯New York (Central Park)	40 47	73 58	47·4	1009·9	1015·9	- 2·2	278·0	287·4	7th	270·2	261·9	2nd,30th	274·1	273·9	+ 1·4	47	-42
423	St. John, N.B.	45 17	66 4	36·3	1005·8	1010·5	- 5·1	271·2	281·7	1st	261·3	249·7	22nd	266·3	*265·2*	+ 0·4	126	+ 4
424	S.W. Point, Anticosti	49 24	63 33	9·1	1006·1	1007·3	- 4·4	265·8	276·3	1st	258·6	250·8	29th	262·2	*262·3*	+ 0·2	62	0
424a	Sable Island (Main Station)	43 57	60 6	7·6	1010·3	1011·3	- 2·9	276·3	282·4	1st	269·7	260·2	22nd	273·0	*273·0*	+ 0·8	92	-43
435	Port aux Basques	47 35	59 10	9·1	1005·9	1007·1	- 4·0	270·2	279·1	1st	263·9	257·2	22nd	267·1	*266·9*	+ 0·1	166	+19
436	St. John's, Newfoundland	47 34	52 42	74·1	997·9	1007·3	- 2·6	..	..	..	..	..	..	268·5	..	+ 0·2	119	-17
436	Madrid	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
437	Nantes	40 24	3 41	667	946·3	1024·8	+ 0·7	281·0	285·0	6th	273·3	270·0	30th	277·2	*276·6*	- 0·4	14	-11
438		47 15	W. 1 34	36·5	1015·1	1019·6	- 0·6	282·9	285·2	13th	277·3	270·8	4th	280·1	280·3	+ 2·9	96	+32
438a	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1012·9	1019·1	- 1·0	281·3	284·5	3rd	275·5	272·1	2nd	278·4	278·4	+ 2·8	61	+22
439	Marseille	43 18	5 23	75	..	1019·8	+ 2·4	285·2	288·8	15th,16th	276·0	272·5	1st	280·6	*280·4*	+ 0·6	49	+ 7
440	Zürich	47 23	8 33	493	962·2	1022·5	+ 0·3	278·1	282·9	12th	272·8	267·0	3rd	275·5	275·4	+ 3·6	53	+ 1
440a	Rome	41 54	12 27	45·5	1012·1	1017·6	+ 1·3	285·7	288·8	7th	277·2	271·5	2nd	281·4	*281·2*	+ 1·1	48	-35
441	Vienna	48 15	16 22	203	996·5	1022·0	+ 1·3	275·9	282·4	8th	271·6	263·3	3rd,4th	273·8	273·8	+ 2·4	19	-18
442	Budapest	47 31	19 1	130	1006·8	1023·4	+ 2·3	274·8	279·4	9th	269·3	261·6	5th	272·1	*272·0*	+ 1·2	25	- 9
442	Sofia	42 42	23 20	550	956·9	1024·9	+ 2·3	275·0	281·9	10th	267·0	254·0	3rd	270·1	270·0	+ 1·2	16	-18
443	Bucharest	44 25	26 6	82	1014·7	1025·3	+ 4·1	273·1	279·4	10th	267·0	254·0	3rd	270·1	270·0	+ 1·2	16	-18
444	Odessa (Observatory)	46 26	30 46	42·8	1019·6	1025·1	+ 4·6	271·7	277·6	11th	267·5	254·9	4th	269·6	*269·7*	- 0·7	7	-19
444a	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Novorossiisk	44 44	37 49	37·1	1019·2	1023·9	+ 4·5	279·7	287·9	19th	271·9	260·8	2nd	275·8	*275·6*	- 0·2	44	-31
446	Tiflis	41 43	44 48	404	976·7	1027·0	+ 4·2	277·5	286·0	16th	269·8	263·3	31st	273·7	273·0	- 0·1	0	-14
447	Astrakhan	46 21	48 2	- 13·8	1030·8	1029·0	+ 5·7	..	..	..	..	..	..	..	*263·8*	- 2·1	1	-12
446	Fort Alexandrovsk	44 31	50 7	- 23·0	1031·0	1028·1	+ 6·4	..	..	..	..	..	..	..	*266·4*	- 2·9	1	- 8
446	Krasnovodsk	40 0	52 59	- 4·6	1027·0	1026·4	+ 4·7	..	..	..	..	..	..	..	*273·7*	- 1·9	17	+ 4
450	Kasalinsk	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	252·6	241·2	5th	..	*257·6*	- 3·5	11	+ 3
452	Meryneskoe	41 20	69 18	478	969·0	1029·3	+ 3·5	273·8	285·1	1st	265·0	254·9	28th	269·4	269·2	- 2·8	77	+30
	Alma Ata	41 26	76 13	2015	..	..	..	..	..	..	246·4	235·5	27th	..	*252·3*	- 4·1	9	- 3
461	Moukden	43 16	76 53	841	925·6	1030·4	+ 1·7	270·7	281·2	12th	260·4	249·7	28th	265·5	*265·4*	..	35	+ 3
462	Jochi	41 48	123 23	43·8	1022·8	1028·7	+ 0·5	265·2	272·0	23rd	254·5	246·2	12th	259·9	260·0	0·0	29	+24
463	Yuki	40 40	129 11	31·9	1019·6	1023·8	+ 1·6	271·9	278·6	16th	262·7	254·0	12th	267·3	267·0	0·0	30	+ 8
464	Vladivostok	42 20	130 24	63·8	1015·3	1023·7	+ 1·1	267·3	275·0	26th	260·2	253·7	12th	263·7	263·8	+ 0·2	16	+11
465	Ochiai	43 7	131 54	128	1006·6	1023·8	+ 0·2	..	..	..	..	..	..	..	*257·8*	- 1·5	40	+33
466	Nemuro	47 20	142 47	27·4	1012·5	1016·1	+ 2·9	265·7	271·4	10th	256·7	248·0	29th	261·2	261·3	+ 2·9	19	-21
466a	Oyama	43 20	145 35	26·7	1009·9	1013·3	+ 1·3	272·6	277·4	10th	266·2	262·0	14th	269·4	269·5	+ 1·5	62	+28
		45 14	147 53	39·3	1007·0	1012·0	+ 2·1	271·6	277·4	10th	265·9	261·3	7th	268·7	268·7	+ 1·2	51	-43
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N.

JANUARY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1018·0	1023·7	+ 4·0	285·9	290·2	27th	280·6	277·4	18th	283·2	*283·2*	+ 0·5	61	-60
512	Sacramento	38 35	121 30	21·0	1022·0	1024·4	+ 4·3	284·4	290·8	29th	277·8	271·3	16th	281·1	*281·3*	+ 0·4	30	-67
513	San Diego	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
514	Modena	32 43	117 10	26·5	1017·2	1020·3	+ 2·1	292·3	300·2	27th	282·3	277·4	18th	287·3	*286·8*	+ 2·1	5	-41
515	Santa Fé	37 48	113 54	1668	838·2	1024·7	+ 3·8	277·0	285·2	13th	264·2	254·1	18th	270·6	*270·5*	+ 0·4	5	-18
516	Denver	35 41	105 57	2138	789·3	1022·7	+ 3·7	280·5	286·3	14th	267·5	260·2	1st	274·0	*273·5*	+ 2·8	0	-17
517	Abilene	39 45	105 0	1613	838·7	1021·0	+ 3·8	282·1	294·1	10th	266·9	249·7	1st	275·5	*275·5*	+ 3·7	6	- 5
518	Saint Louis	32 23	99 40	530	960·2	1023·0	+ 2·9	287·6	300·8	14th	274·0	260·2	1st	280·8	*280·2*	+ 0·9	24	+ 2
519	Mobile	38 38	90 12	173	1000·3	1021·7	+ 1·1	279·0	294·7	14th	270·0	252·4	1st	274·5	*274·2*	+ 1·7	49	- 9
520	Nashville	30 41	88 2	17·4	1022·4	1024·7	+ 3·5	287·2	296·3	24th	278·6	265·2	2nd	282·9	*282·9*	- 0·7	23	-97
521	Charleston	36 10	86 47	186	1003·5	1024·0	+ 2·4	281·6	295·2	16th	272·6	255·2	2nd	277·1	*276·9*	+ 0·3	65	-55
522	Washington	32 47	79 56	14·6	1021·0	1022·7	+ 1·7	287·2	299·1	18th	277·5	265·2	2nd	282·3	*282·7*	- 0·6	11	-67
524	Bermuda	38 54	77 3	34·1	1014·1	1018·3	- 2·0	280·4	293·6	13th	269·9	259·1	30th	275·2	*274·4*	+ 1·2	67	-20
		32 17	64 46	46·0	1016·8	1022·3	+ 2·4	294·3	296·8	28th	286·9	283·3	22nd	290·6	*290·5*	+ 0·2	100	-12
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see page 107.

RÉSEAU MONDIAL

JANUARY - ZONE 5. (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	∮Santa Cruz (Flores)	39 27	31 9	40	1022·2	1027·0	+ 6·1	290·6	293·8	1st	285·9	278·6	23rd	288·2	288·5	+ 1·0	181	
531	Horta	38 32	28 38	65	1020·9	1028·7	+ 7·3	289·8	292·2	29th	286·6	282·8	18th	288·2	288·1	+ 0·5	71	
532	Ponta Delgada	37 44	25 40	22	1027·3	1029·9	+ 7·6	290·0	291·2	2nd	286·9	284·2	18th	288·4	288·4	+ 0·9	77	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	0	
533	Madeira (Funchal)	32 38	16 55	25	1026·3	1029·3	+ 7·5	291·6	293·0	3rd	288·5	287·2	27th	290·1	*289·9*	+ 1·7	19	
535	Lisbon	38 43	9 9	95	1015·0	1026·6	+ 5·5	285·9	289·0	14th	281·1	276·2	12th	283·5	283·3	0·0	81	
535a	Melilla	35 17	2 59	40	1018·5	1023·4	..	288·4	291·3	20th	283·3	279·4	4th	285·8	*285·9*	+ 0·5	9	
536	Gibraltar	36 6	5 21	16·2	..	1024·0	+ 2·5	288·8	292·4	18th	282·1	278·6	1st	285·4	*285·3*	- 0·3	20	
536a	Colomb-Béchar	31 36	W. 2 4	769	932·0	1021·4	..	286·7	292·0	22nd	274·3	271·0	2nd	280·5	*279·8*	- 0·8		
537	Palma	39 34	E. 2 39	23	1017·8	1020·6	+ 1·1	288·7	292·0	8th	277·6	275·0	3 days	283·1	*282·3*	- 0·4	34	
538	Algiers (Bouzaréah)	36 48	3 2	342	979·8	1020·4	+ 0·5	284·1	287·6	15th	280·7	276·6	28th	282·4	282·8	+ 0·1	178	
538a	Gadames	30 9	9 30	351	..	..	..	289·9	..	..	..	..	..	..	..	..	41	
539	Tunis	36 48	10 10	75	1010·4	1019·6	..	286·6	289·4	5th	280·0	277·5	23rd,25th	283·3	*283·2*	+ 0·2	140	
539a	Malta	35 54	14 31	56·4	..	1016·8	+ 0·1	287·8	291·1	5th	284·6	283·0	17,21,23	286·2	*285·8*	+ 0·3	173	
540	Riposto	37 41	15 14	14·2	..	1018·5	- 0·6	287·4	289·0	6th	280·1	277·5	28th	283·7	*284·7*	+ 0·5	132	
541	Athens	37 58	23 43	107	1006·3	1019·4	+ 1·3	286·2	289·0	9th,10th	280·6	277·2	9th	283·4	283·0	+ 1·5	104	
542	Alexandria	31 12	29 53	32·0	1014·2	1018·0	- 0·1	293·1	295·6	1st	285·9	282·3	20th	289·5	*288·9*	+ 1·9	17	
543	Ankara (Angora)	39 58	32 48	861	920·7	1024·6	+ 3·9	277·0	283·9	24th	268·1	259·9	12th	272·5	*272·2*	..	9	
543a	Nicosia (P.W.D.)	35 9	33 22	159	999·1	1018·2	+ 1·2	287·8	291·9	1st	278·9	273·6	10th	283·4	..	..	85	
544	Beirut	33 54	35 28	33·7	..	1017·9	+ 0·1	290·3	293·8	1st	284·8	280·9	10th	287·5	*286·9*	+ 0·8	112	
545	Hinaidi	33 17	44 29	32·3	1018·7	1019·9	- 1·2	287·6	292·4	1st	275·5	267·4	7th	281·6	*281·7*	- 0·5	23	
546	Lenkoran	38 46	48 51	- 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	
547	Tehran	35 41	51 25	1220	..	..	..	278·6	286·3	2nd	270·8	255·8	29th	274·7	*274·3*	+ 0·1	17	
548	Meshed	36 17	59 38	946	883·5	..	..	276·2	285·4	1st	267·4	255·2	7th	271·8	..	- 2·5	47	
549	Seistan	31 0	61 30	610	..	..	..	282·5	290·7	22nd	274·1	264·9	30th	278·3	..	..	5	
550	Quetta	30 12	67 0	1673	835·7	..	+ 0·5	281·6	287·3	3rd	269·4	260·3	31st	275·5	*275·1*	- 1·8	37	
551	Peshawar	34 2	71 37	339	981·1	1022·3	+ 1·1	288·6	292·9	17th	277·7	273·6	25th,26th	283·1	*282·0*	- 0·6	11	
551a	Lahore	31 34	74 20	214	993·6	1019·7	+ 0·9	290·6	294·9	15th	279·1	276·3	30th	284·8	*284·2*	- 0·5	6	
552	Simla	31 7	77 8	2204	781·9	..	+ 0·4	280·1	284·8	8th	275·4	269·4	25th	277·7	*277·3*	- 1·0	129	
552a	Leh	34 10	77 42	3503	663·5	..	- 1·5	272·9	277·8	9th	262·0	258·2	22nd	267·4	*266·3*	+ 1·3	9	
559	Hankow	30 35	114 17	37·0	1023·4	1028·1	- 0·4	280·8	286·5	5th	273·7	269·6	31st	277·3	*276·9*	+ 0·1	39	
560	Tientsin	**39 9	**117 9	** 6·4	1028·2	1029·0	+ 0·3	274·1	279·3	24th	263·8	256·0	29th	268·9	*269·0*	0·0	6	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1025·5	1026·4	- 0·1	281·0	293·9	26th	273·4	267·7	5th	277·2	276·9	+ 0·7	98	
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1017·9	1028·7	+ 1·7	272·2	282·5	22nd	264·5	256·6	5th,13th	268·3	267·9	- 1·5	59	
562a	Nagasaki	32 44	129 52	133	1006·4	1022·8	+ 0·9	282·3	291·9	27th	275·5	271·0	12th	278·9	278·5	- 0·2	189	
563	Kyoto	35 1	135 44	42·9	1016·1	1021·5	+ 2·3	281·4	288·5	11th	272·5	267·7	7th	276·9	276·6	+ 1·0	111	
564	Tokyo	35 41	139 46	5·8	1017·2	1017·9	+ 1·6	281·8	291·6	11th	272·0	267·7	6th	276·9	276·5	+ 0·5	72	
565	Hukusima	37 45	**140 28	**68·5	1009·6	1018·2	+ 1·4	279·3	286·5	10th	269·8	263·4	23rd	274·5	274·0	+ 0·5	40	
566	Miyako	39 38	141 59	30·4	1012·1	1016·0	+ 1·2	278·4	287·4	10th	268·6	261·0	23rd	273·5	272·6	+ 0·2	76	

JANUARY - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1018·5	1019·3	+ 3·5	295·4	298·0	8th	288·7	285·2	10th	292·1	*291·7*	+ 0·3	56	
605	Honolulu	21 19	157 52	11·6	1017·6	1018·9	+ 2·7	297·6	299·7	10th	292·7	290·8	1st	295·1	*295·0*	+ 0·6	50	
613	Guaymas	27 55	110 53	8·3	1016·4	1017·4	..	297·3	302·8	31st	287·9	284·0	23rd	292·6	*291·1*	- 0·3	1	
615	Leon	21 7	101 41	1809	823·1	1016·1	+ 0·7	296·5	301·0	28th	279·3	274·5	29th	287·9	*286·7*	0·0	17	
616	Monterry	25 40	100 18	528	960·3	1022·1	+ 3·5	292·5	303·2	30th	281·7	270·2	2nd	287·1	*285·9*	- 0·9	34	
617	Tulancingo	20 5	98 22	2181	791·7	..	+ 1·1	292·3	298·2	23rd	277·1	272·0	29th	284·7	*283·3*	- 1·1	4	
618	Galveston	29 18	94 50	16·5	1022·5	1024·7	+ 4·0	287·6	293·6	15th	281·6	266·3	2nd	284·6	*284·0*	- 0·4	10	
618a	New Orleans	29 57	90 4	16·2	1022·8	1024·7	+ 4·4	288·4	298·0	15th	280·4	266·9	2nd	284·4	*284·2*	- 1·0	58	
619	Mérida, Yuc.	20 58	89 38	22	1017·6	1020·2	+ 2·1	299·3	303·8	15th	290·7	285·2	30th	295·0	*293·7*	- 0·7	24	
620	Havana	23 7	82 25	77·0	1011·0	1020·1	+ 1·4	297·1	301·4	19th	290·1	286·2	30th	293·6	293·2	..	10	
620a	Key West	24 33	81 48	6·7	1020·7	1021·3	+ 1·6	295·3	300·2	19th	289·1	281·9	4th	292·2	*291·3*	- 1·5	5	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1021·0	+ 1·8	297·1	299·7	15,20,27	291·5	287·4	30th	294·3	*294·2*	- 0·8	26	
622	Watling Island	24 6	74 26	33·5	..	..	..	..	298·6	15,20,25	..	291·3	29th	..	*296·2*	- 0·8	..	
633	Port Etienne	20 56	17 3	4	..	..	..	296·3	299·5	20th	287·5	285·0	29th	291·9	*291·2*	..	..	
634m	Izaña	28 19	16 30	2367	771·5	..	+ 2·9	280·3	285·9	22nd	273·9	268·5	27th	277·1	*277·0*	+ 0·6	17	
634	La Laguna	28 28	16 20	547	960·4	1024·9	+ 3·7	288·2	291·9	21st	283·3	276·8	21st	285·7	*285·2*	+ 0·3	63	
636	Adrar	27 38	W. 0 4	285	988·3	1022·5	..	291·2	295·3	17th	277·2	273·0	31st	284·2	*284·9*	..	0	
638	Laperrine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	
642	Siwa	29 12	25 29	- 23	1021·5	1018·6	- 0·2	294·1	299·0	3rd	278·4	273·0	24th	286·2	..	..	0	
643	Cairo (Helwan)	29 52	31 20	116	1004·4	1018·2	- 0·6	293·3	302·5	31st	283·1	279·9	24th	288·2	*288·1*	+ 2·1	1	
643a	Aswan	24 2	32 53	100	1004·4	1016·2	- 1·5	299·0	309·2	31st	285·6	280·2	21st	292·3	*291·4*	+ 3·3	..	
644	Tor	28 14	33 37	1·9	1016·0	1016·3	- 0·8	294·7	299·0	13th	283·6	279·5	21st	289·2	*288·8*	+ 1·8	0	

*For formulae employed see pages 108, 109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
**Tientsin. Station moved to 39°9′N. 117°9′E. 6·4m. from January 1st. **Hukusima. Station moved to 140°28 E. 68·5m. from January 1st.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JANUARY - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1018·4	1018·8	..	290·0	296·3	4th	284·2	279·6	8th	287·1	*286·9*	- 0·3	115	+47
648	Jask	25 45	57 45	4·0	1017·5	1017·8	..	296·8	299·8	18th	289·7	282·9	28th	293·3	*293·1*	+ 0·6	21	- 8
649	Karachi	24 53	66 57	4·0	1018·1	1018·6	+ 0·3	296·8	299·7	14th,21st	288·0	283·1	29th,31st	292·4	*292·2*	- 0·2	4	-10
650	Jacobabad	28 17	68 29	56·7	1013·5	1020·4	+ 1·6	295·1	299·8	11th	280·9	274·8	30th	288·0	*287·3*	+ 0·5	2	- 5
651	Jaipur	26 56	75 52	436	968·4	1019·9	+ 0·8	295·0	297·8	9th	283·2	278·8	2nd	289·1	*288·3*	- 0·2	6	- 6
652	Nagpur	21 8	79 5	310	981·7	1017·7	+ 0·4	302·7	306·1	28th	287·0	281·9	4th	294·8	*294·4*	+ 0·9	1	-10
653	Allahabad	25 25	81 51	94·2	1007·1	1018·4	+ 0·3	295·6	300·4	17th	283·3	277·8	5th	289·4	*288·5*	+ 0·1	20	+ 1
654	Darjeeling	27 3	88 15	2265	777·7	..	+ 1·1	292·5	298·7	4th	275·9	274·2	22nd,25th	279·2	*278·8*	+ 1·4	6	- 8
	Calcutta	22 32	88 20	6·4	1016·8	1017·8	+ 0·5	299·3	304·3	30th	287·6	282·2	6th	293·4	*292·9*	- 1·4	4	- 4
655	Gauhati	26 8	91 41	59·7	1011·8	1018·9	+ 0·5	296·1	300·3	31st	283·7	280·6	5th	289·9	*289·2*	- 0·1	11	+ 3
655a	Cherrapunji	25 15	91 42	1313	871·4	..	+ 0·5	289·2	292·4	1st	281·7	278·7	11th	285·4	*284·7*	+ 0·6	7	- 5
656	Akyab	20 11	92 56	6·1	1014·7	1015·4	- 0·1	300·7	307·4	31st	288·0	284·1	12th	294·4	*293·9*	+ 0·2	0	- 2
656a	Mandalay	21 59	96 0	76·2	1007·5	1018·4	+ 0·1	303·6	308·4	31st	287·2	284·9	13th	295·4	*294·7*	+ 1·1	0	- 1
657	Tengyueh	25 2	98 33	1626	838·4	1017·0	..	290·8	293·0	29th	274·6	270·8	16th	282·7	*282·0*	+ 1·0	0	-14
658	Pau Lien	20 48	106 38	116	..	1018·0	- 1·2	294·3	301·0	28th	288·9	281·9	31st	291·6	291·1	+ 1·4	26	- 8
659	Moncay	21 31	107 51	9·0	..	1018·3	- 1·5	293·2	300·1	27th	287·2	281·7	31st	290·2	*289·5*	+ 1·4	66	+25
660	Hongkong	22 18	114 10	33·2	..	1019·1	- 0·6	291·8	298·0	28th	287·3	280·2	31st	289·5	289·4	+ 0·9	48	+14
	Amoy	24 26	118 4	4·9	..	..	..	290·3	299·1	27th	285·4	278·6	5th	287·9	287·7	+ 0·9	64	+32
661	Taihoku, Formosa	25 2	121 31	9·3	1019·9	1021·0	- 0·2	293·3	302·8	27th	286·0	277·1	5th	289·7	289·2	+ 0·9	136	+47
661a	Basco	20 26	121 59	18·7	..	1016·3	+ 0·4	298·5	302·0	28th	294·2	291·1	5th	296·3	296·0	+ 0·9	126	-121
662	Naha	26 12	127 39	29·5	1017·9	1021·4	+ 1·4	292·0	297·2	27th	287·1	283·4	30th	289·5	289·7	+ 0·6	79	-53
665	Titirima (Bonin Islands)	27 5	142 11	4·1	1019·5	1020·0	+ 2·3	293·7	296·8	28th	288·1	284·6	2nd	290·9	290·8	+ 0·2	83	-35

BETWEEN LATITUDE 20° N. AND 10° N.

JANUARY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
716	Colima	19 12	103 45	498	958·4	1014·6	+ 1·4	304·0	307·5	24th	288·8	286·5	sev. dates	296·4	*295·1*	- 0·2	2	- 5
716	Morelia	19 42	101 7	1923	811·3	1015·3	+ 1·2	292·5	296·6	25th	280·8	276·3	29th	286·7	*286·1*	- 0·2	52	+39
717	Mexico, Tacubaya	19 24	99 12	2309	776·3	..	+ 1·2	292·1	295·8	26th	277·6	273·0	29th	284·9	284·4	- 0·3	26	+17
718	Salina Cruz	16 12	95 12	56	1008·0	1014·5	+ 0·6	301·2	304·5	15th	292·8	289·2	30th	297·0	*297·0*	- 0·5	0	- 1
720	San Salvador	13 42	89 13	682	938·8	1014·4	+ 1·0	306·8	309·0	25th,28th	288·2	284·4	12th	297·5	*295·8*	+ 0·7	3	- 4
721	Belize	17 31	88 11	5·2	1018·9	1019·6	+ 2·4	..	..	..	291·4	287·4	8th	..	‡294·5	- 0·9	195	+38
722	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1016·3	+ 1·0	303·2	306·6	15th	293·4	290·0	23rd	298·3	*298·0*	+ 0·6	28	-16
723	Port au Prince	18 33	72 20	37·4	1012·2	1016·5	+ 0·6	304·0	306·9	25th	293·3	291·1	14th	298·7	*298·0*	+ 0·3	1	-30
724	Caracas	10 30	66 56	1042	898·9	1013·9	- 0·4	295·5	298·2	20th	286·2	283·9	29th	290·9	*290·6*	- 0·3	63	+31
744	San Juan, Porto Rico	18 29	66 7	25·0	1014·3	1017·3	+ 0·1	299·0	299·7	21st	294·2	291·9	11th	296·6	*296·5*	- 0·2	98	-19
	Grenada (Richmond Hill)	12 5	61 46	188	991·4	1013·1	- 0·4	301·8	304·1	31st	295·8	294·1	3rd,29th	298·8	*298·4*	+ 0·7	105	- 6
725	Barbados	13 8	59 36	55·2	..	1013·8	- 0·8	301·5	302·1	14,19,26	294·8	292·7	4th	298·1	*297·9*	+ 0·4	61	-21
732	SÃo Vicente, C. Verde Is.	16 54	25 4	11	1015·5	1016·8	+ 1·6	296·0	298·0	1st,2nd	292·6	291·5	5,8,12	294·3	*294·6*	0·0	2	- 3
733	∮Joan Tiago, C. Verde Is.	14 54	23 31	34	1010·8	1014·7	- 0·4	300·1	301·9	12th	293·1	290·0	18th	296·6	*296·8*	+ 0·9	3	0
734	Dakar	14 40	17 26	32	1009·5	1013·3	..	296·6	301·6	2nd	289·4	287·7	23rd	293·0	*292·2*	- 1·6	0	- 1
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·8	304·7	19th	290·9	288·6	4th	295·9	*295·7*	- 0·3	0	..
736	Nïémbalé	12 57	7 26	300	..	..	..	301·2	304·4	17th	286·2	283·8	24th	293·7	*294·0*	..	0	..
	Timbuktu	16 43	W. 3 2	270	..	..	..	298·6	301·8	19th	283·3	278·2	30th	291·0	*290·5*	- 3·2	0	0
737	Sokoto	13 2	E. 5 14	353	..	..	..	305·8	310·8	9th	289·3	284·1	25th	297·6	*297·3*	+ 0·9	2	+ 2
738	Kaduna Capital	10 32	7 25	?637	..	..	..	305·3	306·9	1st	..	..	..	..	‡296·7	+ 1·8	1	+ 1
740	Hadelija	12 40	10 5	?	..	..	..	304·0	308·6	10th,29th	..	..	..	..	‡296·1	+ 0·9	0	0
741	Maidaguri	11 47	13 11	361	..	..	..	307·4	312·4	29th	289·9	286·3	20th,23rd	298·7	*298·4*	+ 2·5	0	- 2
	El Fasher	13 32	25 18	730	927·6	1009·4	..	?306·9	?310·5	31st	286·4	281·5	8th	?296·6	*295·1*	+ 3·3	0	0
743	∮El Obeid	13 11	30 14	563	947·1	1009·9	- 1·6	306·5	309·2	30th,31st	288·6	282·4	10th	297·6	*296·4*	+ 3·7	0	0
744	Khartoum	15 37	32 33	390	966·2	1009·9	- 2·4	306·8	310·2	14th,30th	291·6	284·5	10th	299·2	*299·4*	+ 3·8	0	0
745	Port Sudan	19 37	37 13	5·5	1013·4	1014·0	- 0·7	301·4	303·2	13th	294·9	291·4	27th	298·2	*297·8*	+ 1·7	3	- 5
746	Berbera, Somaliland	10 22	45 2	13·8	1012·8	1014·4	- 0·7	301·5	302·4	21st,22nd	294·3	290·6	27th	297·9	*297·9*	+ 0·2	0	- 6
	Aden	12 45	45 3	28·7	1012·5	1015·9	- 0·5	301·1	302·3	7th	295·9	293·7	26th	298·5	*297·9*	+ 0·9	0	- 8
760	Bombay	18 54	72 49	11·3	1014·0	1015·3	0·0	301·7	303·7	9th	293·8	291·3	29th	297·7	296·7	+ 0·5	0	- 3
760a	Kodaikanal	10 14	77 28	2343	772·9	..	+ 0·7	290·3	293·2	25th,28th	281·9	279·1	19th	286·1	*285·6*	+ 0·5	87	+13
761	Bangalore	12 59	77 38	921	913·7	1015·7	+ 0·5	302·1	305·0	27th	288·5	285·9	20th	295·3	*294·8*	+ 2·1	0	- 7
762	Madras	13 4	80 14	6·7	1014·7	1015·6	0·0	302·4	304·2	31st	294·2	291·9	18th	298·3	*297·8*	+ 0·8	29	- 6
764	Vizagapatam	17 42	83 19	11·6	1015·4	1016·8	+ 0·4	299·5	300·9	21st,25th	291·8	289·6	17th	295·7	*295·3*	- 0·3	0	-12
765	Port Blair	11 40	92 40	18·0	1011·5	1013·5	- 0·1	302·2	303·8	30th	297·9	296·1	1st,29th	300·1	*299·7*	+ 0·2	51	+ 9
767	Rangoon	16 46	96 48	5·5	1013·9	1014·5	- 0·4	307·2	310·6	31st	293·2	290·6	9th	300·2	*299·1*	+ 2·4	0	- 6
768	Cap St. Jacques	10 20	107 5	180	..	..	..	300·8	303·6	19th	295·8	294·0	15th	298·3	*297·9*	+ 0·6	1	- 3
769	Bhatrang	12 15	109 12	3·6	..	1013·8	..	301·6	303·7	11th	294·7	292·3	13th	298·2	*297·7*	+ 1·1	97	+31
	Bolinao	16 23	119 53	2	..	1011·7	+ 0·1	304·5	308·4	19th	294·2	290·3	24th	299·3	*298·9*	+ 0·1	0	- 8
770	Vigan	17 34	120 23	12·2	..	1011·9	- 0·5	303·8	307·1	20th	295·7	293·2	9th,10th	299·7	299·6	+ 1·1	0	- 3
771	Manila	14 35	120 59	14·2	..	1012·9	+ 0·7	304·2	306·8	27th	294·2	290·9	9th	299·2	298·3	+ 0·5	9	-15
772	Ormoc	11 0	124 36	5·6	..	1010·3	+ 0·4	304·8	306·0	3rd	295·0	292·6	30th	299·9	*299·6*	+ 1·2	231	+52
773	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·9	+ 0·2	302·2	303·8	3rd	297·7	295·2	12th	299·9	*299·9*	+ 0·9	95	+30
	Saipan	15 14	145 46	207	988·8	1009·1	..	299·9	301·5	3rd	295·6	294·4	14th	297·7	297·5	..	125	..

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110.
∮Change of normals, see page 110.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	∮Fanning Island	3 54	159 23	5·3	1009·8	1010·4	+ 0·4	303·2	306·3	2nd	..	..	..	..	‡*300·3*	- 0·5	570	+380
821	Cristobal	9 23	79 23	11·0	..	1012·1	+ 0·5	303·4	304·1	19th	297·7	295·8	29th	300·5	300·0	+ 0·8	43	-36
822	Bogota	4 36	74 5	2645	745·8	..	..	293·4	296·0	21st	280·9	277·5	10th	287·2	286·4	..	51	-31
822a	∮Merida, Venez.	8 36	71 9	1641	‡ 842·2	..	+ 0·4	295·1	297·0	21st	286·4	284·5	6th	290·7	*289·8*	- 0·5	76	-13
823	Ciudad Bolivar	8 9	63 33	38	1007·4	1011·8	..	303·6	305·3	19th	295·5	293·9	29th	299·5	*299·0*	+ 0·2	12	-47
824	El Peru, Guayanavieja	7 19	61 49	220	985·1	1010·1	- 0·9	300·8	301·9	21st	293·3	290·8	4th	297·1	*296·6*	+ 0·2	108	-19
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·4	- 1·3	301·6	302·4	4,20,31	296·7	294·1	12th	299·2	*298·8*	+ 0·1	418	+49
826	Paramaribo	5 49	55 9	3·7	..	1011·5	- 1·4	303·1	307·8	1st	295·8	293·0	sev. dates	299·5	*298·8*	+ 0·4	376	+49
826a	Cayenne	4 56	52 21	6	..	..	..	304·0	305·5	11th	297·4	294·0	15th	300·7	*300·0*	+ 1·6	603	+289
831	10°-5°N. 30°-25°W.	††7 4	††27 6	§(90-115)						Sea Temp.								
833	Konakri	9 31	13 43	16	..	1012·3	+ 0·3	..	..	298·9 |+0·2	..	..	..	..	298·7	+ 0·1	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·2	1011·0	+ 0·2	304·0	306·3	..	..	..	..	..	..	..	52	..
835	Assuantsi	5 18	1 15	101	..	..	..	303·1	304·7	8th	295·4	292·4	29,30,31	299·7	*299·1*	- 0·7	15	..
836	Accra	5 33	W. 0 12	16·0	1007·5	1009·3	- 0·6	303·6	307·6	sev. dates	293·7	291·3	2nd,24th	298·4	..	0·0	4	..
										30th	296·7	294·4	2nd	300·1	*299·6*	+ 0·2		
837	Lagos	6 27	E. 3 24	3·0	1007·7	1008·0	- 1·6	304·3	†305·8	1st	297·2	294·7	25th,26th	300·7	*300·0*	+ 0·5	45	..
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	119	..
839	Yola	9 12	12 30	259	..	..	..	306·5	310·2	11th	292·4	288·6	23rd,26th	299·5	*299·2*	- 0·2	11	..
841	Wau	7 42	28 3	440	..	..	..	..	..	..	293·6	289·0	11th	..	*299·9*	+ 1·6		
843	∮Malakal (Kodok)	9 35	31 37	394	964·4	1007·9	- 1·2	311·1	313·9	29th	293·7	290·0	8th	302·4	*301·4*	+ 3·1	0	..
843a	∮Mongalla	5 11	31 47	448	956·4	1005·8	- 1·9	312·7	316·0	31st	295·6	292·4	10th	304·2	*303·0*	+ 2·9	0	..
844	Entebbe	0 5	32 29	1171	882·7	1008·1	- 0·5	301·3	303·0	28th,31st	290·3	288·0	25th	295·8	*295·5*	+ 1·0	30	..
845	Sheikh	9 55	45 15	1463	..	..	..	295·2	296·9	9th,10th	283·2	280·2	4th,25th	289·2	..	..	..	..
851	Minicoy	8 17	72 49	2·1	1012·7	1012·9	- 0·3	303·3	304·1	25th	297·2	294·6	22nd	300·3	*299·9*	..	42	..
851a	Cochin	9 58	76 21	2·7	1013·3	1013·7	+ 0·1	303·8	306·6	17th	296·7	294·4	20th	300·3	*299·9*	+ 0·4	3	..
852	∮Colombo Observatory	6 54	79 52	7·3	..	1011·3	+ 0·6	303·2	304·9	9th	295·4	292·3	19th	299·3	*298·9*	+ 0·3	159	..
853	∮Nuwara Eliya	6 58	80 46	1886	..	..	..	293·5	296·1	3rd	282·8	276·6	20th	288·2	*287·3*	+ 1·2	131	..
854	∮Trincomalee	8 35	81 15	30·2	..	1011·8	+ 0·2	301·3	303·4	7th	297·3	295·4	1st	299·3	*298·9*	+ 0·6	179	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·5	- 1·3	..	..	..	..	..	..	..	..	..	98	..
856	Medan	3 35	98 41	25·0	..	1010·8	- 0·5	303·2	305·5	31st	295·5	293·1	15th	299·3	298·9	+ 1·1	158	..
857	Penang	5 34	100 20	5·0	..	..	..	307·4	308·0	31st	295·4	294·7	18th	301·4	*300·6*	+ 1·1	320	..
858	Singapore	1 18	103 51	10·9	1009·6	1010·8	+ 0·2	302·8	305·8	30th	295·9	295·2	15th,16th	299·4	*298·9*	0·0	678	..
859	Sandakan	5 50	118 7	31·7	..	..	..	303·9	304·7	sev. dates	296·9	295·8	2,9,21	300·4	*299·8*	+ 0·8	63	..
860	Iwahig	9 44	118 38	14·3	..	1010·0	+ 0·4	304·0	305·7	24th	294·8	292·4	10th	299·4	*299·0*	+ 0·4		
861	Tagbilaran	9 38	123 51	21·3	..	1010·2	+ 0·1	303·4	305·8	20th	295·6	294·6	21st,22nd	299·5	298·7	+ 0·2	283	..
861a	Menado	1 30	124 50	8·5	..	1009·6	- 0·1	303·0	304·6	15th	296·0	294·1	25th	299·5	299·0	+ 0·5	403	..
862	Surigao	9 48	125 29	6·0	..	1011·0	+ 0·9	301·6	303·9	2nd	296·6	295·0	19th	299·1	298·6	+ 0·1	803	..
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·8	+ 0·8	301·9	303·0	2nd,3rd	298·1	295·8	26th	300·0	299·9	+ 0·3	99	..
864	Palau	7 20	134 29	31·8	1006·3	1009·9	..	302·8	304·5	2nd	297·3	295·0	10th	300·1	299·9	..	284	..
867	Ponape	6 58	158 13	38·9	1004·3	1008·7	..	302·3	304·1	19th	297·6	295·5	6th,20th	299·9	299·7	..	399	..
		N.	E.															

JANUARY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Total	Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	303·6	306·4	14th	295·5	294·4	13th,16th	299·6	*299·2*	..	461	..
926	∮Taperinha	2 30	54 20	21·5	1008·0	1010·4	- 0·4	303·0	306·0	3rd	296·1	294·5	31st	299·6	*298·6*	+ 0·2	301	..
927	Turyassu	1 43	45 26	9·1	1008·7	1009·9	- 0·5	305·5	307·7	13th	296·1	294·4	5th	300·8	*299·9*	+ 0·7	198	..
928	Barra do Corda	5 30	45 16	81·0	999·0	1008·3	- 1·1	303·7	308·0	1st	295·4	293·3	20th	299·6	*298·5*	+ 0·4	212	..
929	∮Quixeramobim	5 16	39 15	207	987·5	1010·8	- 0·1	305·6	307·1	13th	298·6	296·8	4th	302·1	*301·7*	+ 0·5	36	..
930	Fernando Noronha	3 50	32 25	106	999·2	1011·1	- 0·6	301·0	301·8	21st	297·8	296·5	17th,27th	299·4	*299·1*	+ 0·2	13	..
										Sea Temp.								
930a	5°-10°S. 35°-30°W.	†† 7 0	††34 12	§(49-51)	..	1014·3	..	..	..	300·4|+0·8	..	..	..	..	300·5	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1011·3	1013·1	- 0·3	302·1	303·6	28th	296·1	294·7	22nd	299·1	*298·3*	+ 0·1	3	..
939	Loanda	8 49	E. 13 13	51	..	1010·2	- 0·8	300·6	302·0	12th	296·3	295·2	12th	298·5	298·0	- 0·1	3	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	‡1280	..	..	..	301·2	303·0	sev. dates	288·6	287·4	6,17,19	294·9	..	..	45	..
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	301·3	304·7	26th	285·2	281·3	3rd,30th	293·3	..	..	16	..
944a	Zanzibar	6 10	39 11	17·1	1010·6	1012·5	- 0·1	303·4	305·3	22nd	299·7	296·7	10th	301·6	*301·2*	+ 0·4	106	..
945	Lasu	2 16	40 50	3·0	..	..	..	302·4	303·6	9th,12th	298·6	296·9	24th,26th	300·5	*300·2*	+ 0·3	1	..
947	Seychelles, Port Office	4 37	55 27	4·6	1010·9	1011·5	+ 0·2	302·4	304·3	4th	297·0	295·6	26th	299·7	*299·0*	+ 0·1	425	..
957	Padang	0 56	100 22	6·7	..	1011·3	+ 0·3	302·9	304·2	18th	296·6	295·5	3rd	299·7	299·2	- 0·1	472	..
958	Batavia	6 11	106 50	8·0	1009·2	1010·1	+ 0·2	303·3	305·8	20th	296·7	295·8	20th	300·0	299·5	+ 1·0	89	..
958a	Pontianak	0 1	109 20	2·6	..	1009·8	- 0·5	304·0	306·7	11th	297·1	296·0	17th	300·5	299·5	+ 0·4	572	..
959	Pasuruan	7 38	112 55	5·0	..	1009·6	+ 0·5	304·9	306·3	6th	297·2	295·8	1st	301·1	300·4	+ 0·9	291	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	515	..
962	Amboina	3 42	128 10	4·2	..	1008·2	- 0·4	303·7	305·2	11th	297·5	296·4	7th	300·6	300·1	+ 0·1	65	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	161	..
965	Daru	9 4	143 13	7·6	..	1009·8	+ 1·0	303·0	..	..	..	..	..	..	..	..	285	..
966	Port Moresby	9 29	147 9	38·4	..	1010·6	+ 2·4	307·2	..	..	296·3	..	..	299·7	*299·2*	- 0·8	125	..
967	Rabaul	4 9	152 12	12·5	1006·9	1008·3	+ 1·1	305·7	307·3	26th,27th	295·8	294·5	4th	300·8	*300·2*	+ 0·4	146	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?304·9	?307·0	29th	?297·3	?296·3	7th	?301·1	*?300·9*	+ 0·2	..	..
970	Ocean Island	0 52	169 35	42·6	1003·7	1008·7	- 0·4	303·0	306·9	5th	298·3	296·9	17th,25th	300·7	*300·1*	- 0·1	496	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See 'Remarks' pages 111 and 112.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 112.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1005·7	- 1·9	302·6	304·6	16th	297·7	296·4	3rd	300·1	299·9	+ 0·2	543	+110
1003	Alofi, Niue Island	19 2	169 55	**19·8	..	1007·0	- 2·3	303·3	308·6	9th	295·8	294·1	6,7,13	299·6	*299·4*	- 0·1	254	-11
1021	Lima	12 5	77 3	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Tacna	18 0	70 18	560	..	..	..	303·3	304·3	30th	288·7	285·0	1st,30th	296·0	*294·0*	- 0·7	0	- 4
1026	Corumba	18 59	57 39	116	994·2	1007·1	- 0·5	308·0	311·2	7th	295·4	290·8	4th	300·2	*301·2*	- 0·1	60	-153
1027	Cuyaba	15 36	56 6	165	989·0	1007·6	- 0·7	305·4	308·3	22nd	295·8	293·3	3rd	300·6	*299·6*	+ 0·4	290	+49
1028	Bello Horizonte	19 55	43 57	895	912·6	1010·4	- 0·6	300·9	304·8	5th	290·9	288·6	2nd	295·9	*295·2*	+ 0·4	303	-45
1029	Castita	14 3	42 37	897	915·0	1013·5	+ 0·7	298·7	302·8	22nd	290·8	289·0	12th	294·8	*294·3*	- 1·9	107	-30
1030	Ondina (Bahia)	13 0	38 31	46·6	1006·4	1011·8	- 0·7	302·2	303·9	2nd	296·1	294·8	31st	299·2	*299·0*	+ 0·2	74	- 1
	Aracaju	10 55	37 3	6·1	1012·6	1013·4	0·0	302·6	303·4	3rd	297·0	294·3	12th	299·8	*299·4*	..	23	..
1030a	10°-20°S. 40°-35°W.									Sea Temp.								
1030b	10°-15°S. 40°-35°W.	†† 4	††37 18	§(55)	..	1014·2	..	..	..	299·0|-0·4	..	..	..	..	299·1	..	..	..
		††12 28	††36 28	§(55-57)	..	1013·2	..	..	..	299·5|-0·2	..	..	..	..	300·0	..	..	..
1035	St. Helena	15 57	W. 5 40	579	946·4	1012·9	+ 0·3	293·2	294·7	30th	288·1	286·9	1,2,8	290·7	*290·4*	- 0·1	46	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	903·9	1008·6	..	303·4	307·4	11th,25th	292·8	289·2	7th	298·1	..	..	169	..
1041a	Elisabethville	11 39	27 28	1236	876·4	1008·5	+ 0·8	..	..	..	..	..	..	..	..	..	224	- 8
1042	Gwelo	19 26	30 2	1411	..	..	..	302·6	306·9	27th	289·8	287·4	26th,30th	296·2	..	+ 1·7	196	+51
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·1	1009·9	+ 0·6	299·4	302·4	28th	289·6	285·2	31st	294·5	293·2	+ 0·6	186	0
1044	Zomba	15 23	25 18	955	905·7	1009·3	+ 0·9	301·3	305·8	11th	291·4	289·7	16th,27th	296·3	*296·6*	+ 0·6	241	-41
1045	Mossuril	14 57	40 40	15	..	1010·6	..	307·2	310·8	19th	297·2	295·5	3rd	302·2	301·5	..	89	..
1046	Antananarivo	18 55	47 33	1375	863·5	1009·7	+ 0·7	300·2	303·3	12th	288·9	287·3	2nd,10th	294·5	294·0	+ 1·0	299	0
										Sea Temp.								
1057	Cocos, Keeling Is.	12 5	96 53	4·6	1013·2	1013·8	+ 1·1	303·8	305·3	7th	298·8	296·6	31st	301·3	*300·9*	+ 0·8	95	-43
	Christmas Island	10 25	105 43	5·5	1008·3	1008·9	+ 1·1	304·8	305·8	6,10,29	297·4	296·3	1,25,28	301·1	*300·5*	+ 0·7	36	-191
1061	Kupang	10 10	123 34	45·1	..	1010·4	+ 1·7	304·5	306·6	5th	296·9	294·3	25th	300·7	300·1	+ 0·5	193	-195
1061a	∮Derby	17 18	123 40	16·2	1007·2	1009·1	+ 2·2	307·9	311·9	3rd	299·8	293·6	3rd	303·9	..	+ 0·5	103	-78
1062	∮Hall's Creek	18 13	127 46	373	966·9	1007·9	+ 1·8	310·1	315·4	8th	297·7	292·3	24th	303·9	*303·4*	+ 0·7	72	-76
1064	∮Darwin	12 28	130 51	29·6	1004·9	1008·3	+ 2·5	307·7	310·3	8th	299·2	296·3	25th	303·4	*302·4*	+ 1·6	116	-280
1065	∮Daly Waters	16 16	133 23	211	983·4	1006·6	+ 1·6	312·8	316·9	8th,10th	299·8	296·3	12th,18th	306·3	*305·8*	+ 2·9	35	-127
1066	∮Main	16 16	133 23	211	983·4	1006·6	+ 1·6	312·8	316·9	8th,10th	299·8	296·3	12th,18th	306·3	*305·8*	+ 2·9	35	-127
1066a	∮Georgetown, Queensland	18 22	143 32	302	975·6	1009·8	+ 3·1	308·0	313·0	7th,18th	296·8	295·2	sev. dates	302·4	..	+ 1·1	35	-174
	Willis Island	16 18	149 59	8·5	1008·1	1009·2	..	303·6	305·2	26th,30th	298·2	296·3	3rd	300·9	*300·8*	..	10	..
1067	Samarai	10 37	150 40	6·1	..	1009·2	+ 1·5	304·1	..	..	297·5	..	..	300·8	*300·6*	0·0	132	-36
1072	Suva, Fiji	18 8	178 26	6·1	1006·4	1007·1	- 0·3	303·6	307·4	1st	297·3	295·2	17th,27th	300·8	*300·4*	+ 1·0	245	-45
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

JANUARY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1120	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	302·5	305·8	20th	295·1	291·3	12th	298·8	*298·6*	0·0	301	+66
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1012·2	1015·4	+ 1·0	293·0	294·7	6th	288·3	286·8	4th	290·7	*290·3*	+ 0·4	0	0
1122	Iquique	20 12	70 11	** 6	1012·8	1013·5	+ 0·2	296·7	300·4	16th	..	..	..	..	*293·0*	- 1·0	0	0
1123	Catamarca	28 27	65 47	510	949·2	1005·4	- 1·0	307·4	310·1	15th	293·7	288·4	3rd	300·5	*299·0*	- 0·8	91	+18
1124	Salta	24 46	65 28	1182	879·9	1006·5	- 0·4	300·6	308·2	15th	289·8	286·4	28th	295·2	295·0	- 0·1	175	+ 3
1125	Goya	29 9	59 15	37	1005·2	1009·4	+ 0·5	306·4	313·3	14th	292·4	284·8	2nd	299·4	*298·8*	+ 0·1	379	+264
1126	Asuncion	25 17	57 41	93	999·5	1009·9	+ 1·8	309·1	314·2	8th	295·2	286·2	29th	302·2	*302·3*	+ 2·3	11	-139
1127	Curityba	25 25	49 17	908	911·9	1012·0	+ 0·3	299·5	304·7	21st	288·7	282·7	3rd	294·1	*292·8*	- 0·5	151	-20
1128	Rio de Janeiro	22 54	43 10	18·3	1009·0	1011·1	+ 0·1	301·3	307·0	24th,25th	295·0	290·4	29th	298·2	297·9	- 0·5	155	+29
1128a	25°-30°S. 50°-45°W.	††27 48	††47 46	§(54)	..	1012·4	..	..	..	Sea Temp. 296·9|-1·0	..	..	..	..	297·2	..	..	..
1139	Windhoek	22 34	E.**17 6	**1727	829·0	1007·6	..	301·5	304·3	30th	290·0	287·8	16th	295·8	*295·1*	- 0·7	97	+17
1140	O'Okiep	29 36	17 52	933	909·2	1011·2	+ 0·1	302·7	311·9	1st	287·9	281·2	27th	295·3	*295·0*	0·0	9	+ 4
1141	Kimberley	28 42	24 47	1202	879·6	1007·5	- 0·1	304·9	309·4	23rd	290·1	284·8	28th	297·5	296·9	- 0·3	88	+27
1141a	Johannesburg	26 11	28 4	1806	822·5	1010·7	0·0	298·3	302·0	4th	287·4	282·5	8th	292·9	*292·4*	+ 0·6	150	- 7
1142	Balawayo	20 9	28 36	1349	866·9	1010·5	+ 0·2	300·6	304·2	27th	290·1	285·3	31st	295·3	*294·8*	+ 0·4	171	+23
1143	Durban	29 52	31 3	15·2	1011·6	1013·4	- 1·3	300·3	304·6	24th	294·4	291·1	7th	297·3	*296·9*	0·0	141	+25
1144	Lourenço Marques	25 58	32 36	59·0	..	1012·2	- 0·2	303·0	310·9	25th	294·7	291·4	8th	298·9	298·3	- 0·1	259	+132
1147	Mauritius	20 6	57 33	55·2	1006·8	1013·1	+ 1·2	303·4	308·3	21st	295·9	293·9	12th	299·7	299·3	+ 0·3	97	-100
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 113.
**Alofi, Niue Island: Height redetermined as 19·8m. **Iquique: Height changed from 9m.to 6m.from January 1st. **Windhoek: Station moved to 17° 8'E. 1727m. from January 1st.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	§Onslow	21 43	114 57	4·3	1006·2	1006·7	+ 0·7	307·7	317·0	6th	295·4	289·6	13th	301·6	..	- 1·2	12	-12
1160	§Cue	27 27	117 52	454	959·7	1009·3	+ 2·2	310·0	316·2	7th	295·4	288·8	31st	302·7	..	- 0·5	49	-10
1161	§Nullagine	21 53	120 5	386	965·3	1007·3	+ 2·1	312·1	318·1	9th	296·4	289·7	19th,20th	304·2	..	- 0·5	48	-14
1162	§Laverton	28 40	122 23	466	959·8	1011·5	+ 1·9	308·1	316·8	8th	292·2	286·8	1st	300·2	*299·9*	- 0·9	15	-14
1163	§Alice Springs	23 38	133 37	587	944·2	1007·7	+ 1·6	309·1	315·3	6th	295·2	286·9	19th,20th	302·1	*302·1*	+ 0·7	2	-15
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	§Boulia	22 55	139 38	146	990·8	1007·1	+ 2·2	311·9	316·3	6th	296·8	291·9	19th	304·4	*304·4*	+ 0·3	12	-15
1165	§Thargomindah	27 58	143 43	123	994·7	1008·5	+ 1·3	309·4	314·3	5th	296·0	290·9	25th,26th	302·7	*302·3*	0·0	5	-15
1166	§Mitchell	26 32	147 52	336	972·5	1009·6	+ 1·7	306·8	310·8	27th	292·1	285·9	26th	299·3	..	- 0·1	50	-10
1167	§Rockhampton	23 24	150 30	11·3	1010·0	1011·5	+ 2·3	304·3	306·6	20th,25th	294·1	291·3	2nd	299·2	..	- 0·7	66	-10
1168	§Brisbane	27 28	153 2	41·8	1009·0	1013·4	+ 1·9	301·8	306·5	28th	292·9	289·6	13th	297·3	*296·5*	- 0·8	126	+6
1170	Norfolk Island	29 4	167 59	**14·9	1014·4	1016·2	+ 3·0	296·1	302·2	29th	291·7	288·0	17th	293·9	*293·5*	- 1·0	67	-14
		S.	E.															

JANUARY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	S. 33 37	W. 78 50	345	977·9	1018·5	..	291·4	294·6	29th	286·3	284·7	4th	288·9	*287·8*	..	31	-11
1221a	Punta Tumbes	36 37	73 6	120	1001·2	1015·6	+ 1·4	291·2	293·9	30th	284·8	282·2	13th	288·0	*287·6*	- 0·2	0	-12
1222	§Punta Angeles, Valparaiso	33 1	71 38	41	1010·6	1015·5	+ 1·8	294·7	297·5	sev. dates	286·1	284·2	22nd,24th	290·4	*290·3*	- 0·3	0	-12
1222a	§Santiago	32 27	70 42	520	953·8	1013·0	+ 1·0	300·9	304·4	14th	284·4	282·6	23rd	292·7	*291·8*	- 0·8	68	+24
1223	Cordoba	31 25	64 12	423	961·4	1008·9	0·0	304·1	312·8	14th	289·6	284·1	1st	296·9	296·3	+ 0·1	1	-20
1224	Bahia Blanca	38 45	62 15	25	1007·4	1010·3	- 0·8	303·9	309·9	16th	287·7	278·8	28th	295·8	*295·4*	- 0·8		
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·6	1011·5	0·0	301·4	308·4	6th	289·2	280·7	28th	295·3	295·2	- 0·9	81	+26
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1011·7	+ 1·1	..	304·8	16th	..	285·0	11th	..	*294·4*	- 1·5	127	+72
1226a	Porto Alegre	30 2	51 13	23·5	1008·7	1011·4	+ 0·1	303·2	311·2	14th	292·2	288·1	29th	297·7	297·3	- 0·1	74	+24
1226b	30°-35°S. 55°-50°W.	††32 15	††52 0	§ (47)	..	1014·3	..	..	..	Sea Temp. 294·8	-0·4	..	..	..	..	294·3	..	..
1239	Cape Town	33 56	W. E. 18 29	12·2	1013·6	1015·0	+ 2·0	299·4	305·1	1st	289·8	285·2	5th	294·6	*293·2*	+ 0·5	14	-11
1240	Danger Point	34 37	19 18	27·7	1012·6	1015·9	+ 2·9	295·8	298·0	24th	288·7	285·2	12th	292·2	..	+ 0·6	22	-11
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·6	308·6	2nd	288·0	283·0	12th	294·8	..	- 0·1	14	-14
1242	East London	33 2	27 55	44·8	1008·7	1013·9	+ 1·0	299·3	302·4	31st	290·9	286·6	29th	295·1	..	+ 1·0	38	-11
1259	§Perth(Observatory)	31 57	115 51	60·0	1006·7	1013·8	+ 0·9	302·5	310·6	19th	290·0	284·1	10th	296·2	*295·7*	0·0	22	-14
1260	§Katanning	33 42	117 35	310	979·7	1015·0	+ 1·8	301·7	310·4	6th	286·0	281·9	31st	293·8	..	- 0·9	27	-14
1261	§Coolgardie	30 57	121 10	423	965·7	1013·0	+ 1·6	304·2	315·8	8th	288·3	282·5	10th	296·2	*295·9*	- 1·9	5	-16
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	§Streaky Bay	32 48	134 13	13·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1264	§Adelaide	34 56	138 35	42·7	1013·6	1015·1	+ 1·7	301·2	314·7	15th	287·5	282·4	22nd	294·3	*293·5*	- 0·8	36	-14
1265	§Melbourne	37 49	144 58	35·1	1009·6	1014·5	+ 1·5	301·2	315·6	15th	289·3	283·6	24th	295·3	*294·7*	- 0·9	103	-11
1266	§Bourke	30 13	145 58	110	1010·3	1014·5	+ 1·6	298·3	313·0	11th	287·6	282·3	23rd	293·0	*292·6*	+ 0·3	4	-15
1267	§Sydney	33 51	151 13	42·1	1000·4	1012·8	+ 1·8	308·6	314·7	5th,14th	293·3	287·4	25th,26th	300·9	..	- 1·4	66	-10
1268	Lord Howe Island	31 20	159 0	4·9	1008·9	1013·8	+ 1·5	298·8	311·1	1st	291·2	288·3	25th	295·0	*294·4*	- 0·1	223	+127
1271	Auckland	36 50	174 50	15·2	1015·3	1016·0	+ 2·7	295·3	300·4	23rd	291·9	288·5	19th	294·7	..	- 0·7	5	-14
1272	Napier	39 29	176 55	1·5	..	1021·4	+ 7·8	295·3	298·0	29th,30th	288·0	284·1	4th	291·7	..	- 0·5	9	-11
		S.	E.		..	..	..	294·6	299·9	12th	286·8	282·7	13th	290·7	..	- 1·2		

JANUARY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 57	W. 176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	998·7	1015·5	- 0·5	287·4	302·2	27th	281·6	278·4	18th	284·5	*285·1*	- 0·5	53	-11
1322	Punta Galera	40 1	73 44	40	1011·8	1016·6	+ 0·3	289·6	296·0	26th	284·0	281·4	12th	286·8	*286·9*	0·0	111	+47
1323	Sarmiento	45 34	69 0	272	974·5	1006·4	- 1·7	296·7	309·8	1st	282·4	276·5	24th	289·5	289·3	- 1·7	6	-14
1324	Puerto Madryn	42 49	W. 64 58	14	1005·7	1007·3	- 1·2	299·9	309·5	30th	284·3	278·2	21st	292·1	292·7	- 0·3	3	-14
1365	§Launceston	41 27	E.147 10	10·1	1012·0	1013·1	+ 1·5	298·0	308·6	11th	285·8	279·7	2nd	291·9	*290·8*	+ 1·1	72	-11
1366	§Hobart	42 53	147 20	53·9	1007·7	1014·0	+ 3·9	295·6	311·4	11th	285·3	281·3	2nd	290·4	*289·3*	+ 0·7	112	+24
1370	Invercargill	46 25	168 21	3·7	..	..	..	292·9	299·1	23rd	283·2	275·2	15th	288·1	..	+ 0·9	44	-11
1371	Dunedin	45 52	170 31	6·1	..	1021·8	+10·8	293·7	300·8	27th	284·4	279·1	8th	289·1	..	+ 1·6	40	-14
1371a	Christchurch	43 31	172 39	7·6	..	1020·8	+10·2	293·4	304·9	27th	285·2	277·4	15th	289·3	..	- 0·1	12	-14
1372	Wellington	41 16	174 46	**128	..	1022·1	+ 9·3	293·1	298·6	31st	284·9	280·1	5th	289·0	..	- 0·9	5	-14
		S.	E.															

JANUARY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	S. 52 24	W. 75 6	55	994·6	1001·3	- 1·0	281·7	285·1	29th	277·9	274·5	16th	279·8	*280·4*	- 1·3	259	-11
1422	Magallanes (Punta Arenas)	53 10	70 54	28	993·8	997·2	- 3·3	287·0	294·3	29th	279·4	275·2	16th	283·2	*282·7*	- 1·5	13	-11
1423	Punta Dungeness	52 24	68 26	5	995·5	996·1	- 4·4	..	..	..	280·0	277·5	20th,24th	..	*283·0*	- 1·7	1	-11
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	995·2	- 4·7	286·3	291·9	5th	277·6	273·6	24,25,26	281·9	..	- 0·6	70	-11
1426	Cape Pembroke	51 41	57 42	21·3	991·9	994·5	- 5·2	284·6	290·2	1st	277·9	274·7	23rd	281·3	281·6	- 0·9	130	-11
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	989·3	989·8	- 4·0	282·2	288·0	8th	274·9	271·6	28th	278·5	*278·5*	+ 0·6		
		S.	W.															

JANUARY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	7	984·0	984·8	- 6·5	275·1	277·7	3rd	271·0	268·6	27th	273·0	273·5	+ 0·3	27	-11
		° ′	° ′	metre	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ¶Change of normals, see pages 113 and 114.
**Wellington: Height changed from 3·0m. to 128m. from January 1st. **Norfolk Island: Height redetermined as 14·9m.

RÉSEAU MONDIAL, FEBRUARY 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF FEBRUARY, 1928
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

FEBRUARY - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
126	Barrow	71 23	156 17	7·0	..	1017·9	- 1·7	255·2	270·8	28th	246·1	234·1	18th	250·7	..	+ 5·5	2	- 3
131	Upernivik	72 47	56 7	19·2	996·8	999·4	- 9·4	254·6	274·5	29th	247·8	243·0	22nd	251·2	*250·7*	+ 0·6	1	-12
132	Myggbukta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
134	Scoresbysund	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
136	Jan Mayen	70 29	21 58	16·9	998·8	1001·0	..	264·9	276·0	20th	256·0	240·9	11th,12th	260·5	*261·3*	..	44	0
138	Spitsbergen (Green Harbour)	70 59	W. 8 18	23·1	995·7	998·6	- 4·5	..	276·0	2nd	267·2	254·3	11th	..	*269·7*	- 0·5	59	..
140	Björnöen	78 2	E. 14 15	10·6	997·9	999·3	- 7·1	..	276·6	21st	255·8	246·2	6th	..	259·5	+ 5·6	90	+65
141	Ingvy	74 28	19 17	40·5	983·5	998·6	- 6·4	..	277·0	22nd	264·8	251·7	15th	..	*268·0*	+ 1·1	66	+26
142	Sletnes	71 4	24 6	7·5	1000·4	1001·4	- 6·2	..	278·8	28th	270·2	262·5	1st	..	*272·5*	+ 1·2	54	- 1
143	Vardö	71 5	28 14	10·2	1001·3	1002·6	0·0	..	277·9	28th	266·8	258·0	18th	..	*270·5*	..	36	..
147	Malye Karmakouly	70 22	31 8	11·8	1002·5	1004·0	- 0·9	..	276·8	24th	267·2	259·4	18th	..	*269·9*	+ 2·8	31	-34
148	Waigatz	72 23	52 43	15·3	1003·6	1005·6	- 2·7	265·4	273·7	25th	259·4	243·9	18th	262·4	*262·6*	+ 5·0	..	..
153	Dickson	70 24	58 47	11·2	1006·4	1007·9	- 2·9	..	..	..	255·9	241·0	18th	..	*259·7*	+ 4·3	..	..
162	Bouloune	73 31	80 23	13·0	1008·8	1010·6	- 2·5	..	..	..	248·4	235·9	2nd	..	*252·0*	+ 5·1	3	- 2
		70 45 N.	127 47 E.	?35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

FEBRUARY - ZONE 2.

201	Frederikshaab	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Godthaab	64 10	51 43	20	..	..	..	265·8	278·0	25th	260·1	253·8	13th	262·9	*263·3*	+ 0·4	5	-41
204	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
205	Angmagssalik	65 37	37 33	29·3	984·2	987·9	-13·9	270·9	280·0	28th	264·5	255·0	11th,12th	267·7	*268·1*	+ 4·2	109	+59
221	Stykkisholm	65 5	22 46	25	..	992·2	- 8·6	275·6	282·0	19,27,28	269·4	264·8	16th	272·5	*272·7*	+ 2·4	85	+20
224	Westmanno	63 24	20 17	132	..	992·7	- 7·2	276·8	282·0	20th	272·6	267·7	16th	274·7	*274·6*	+ 1·0	130	+ 7
234	Grimsey	66 33	18 1	22·0	..	993·6	- 9·0	274·7	283·0	20th	270·9	264·2	11th	272·8	*272·6*	+ 2·5	3	-14
235	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
236	Teigarhorn	64 41	14 22	18·0	..	998·0	- 6·2	276·3	280·9	23rd	269·0	262·6	12th	272·7	*273·4*	+ 1·6	141	+41
237	Sylvig	62 3	6 45	22·9	997·9	1000·7	- 4·7	279·5	283·4	20th	274·9	269·7	13th	277·2	*277·6*	+ 1·3	175	+41
238	Berwick	60 8	W. 1 11	18·0	..	1004·1	- 3·2	279·7	282·4	8,9,22	276·4	272·4	13th	278·1	*278·3*	+ 1·6	136	+56
239	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1003·3	1008·8	- 1·3	278·1	281·9	29th	273·5	269·1	28th	275·8	*275·7*	+ 0·8	216	+83
240	Aalesund	62 28	6 10	6·3	1005·5	1006·3	- 2·9	..	281·3	8th	273·1	269·3	15th	..	*276·0*	+ 0·9	127	+35
241	Trondhjem	63 26	10 25	59·2	1000·0	1007·5	- 0·7	273·5	277·9	5th	267·7	259·6	14th	270·6	*270·9*	+ 0·2	59	- 9
242	Bodö	67 17	14 2	22·3	1003·0	1005·8	+ 0·2	..	278·7	24th	270·0	263·2	12th	..	*272·5*	+ 1·9	43	-26
242a	Haparanda	65 50	24 9	9·2	1008·8	1010·0	+ 1·0	266·4	278·0	29th	258·3	246·0	12th	262·3	*262·5*	+ 1·2	76	+48
243	Helsingfors	60 10	24 57	11·7	1012·3	1013·8	+ 1·2	270·4	276·7	28th	263·9	254·9	14th	267·1	*267·6*	+ 1·3	57	+20
244	Kuopio	62 55	27 40	233	983·2	1013·2	+ 0·6	266·6	273·8	29th	261·3	253·5	20th	263·9	*264·2*	+ 0·9	43	+ 8
245	Kola	68 53	33 1	6·7	1006·0	1006·9	- 0·8	288·8	278·9	29th	260·5	243·3	18th	264·6	*265·7*	+ 4·3	11	- 5
246	Petrozavodsk	61 47	34 23	79·0	1003·8	1014·1	+ 0·3	266·6	275·5	29th	259·5	248·8	17th	263·0	*263·4*	+ 0·2	15	-12
247	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Mezen	65 50	44 16	14·9	1008·7	1010·6	- 0·3	263·7	274·6	29th	257·0	242·2	1st	260·4	*260·9*	+ 1·7	19	+10
249	Ust-Tsylma	65 25	52 18	68	1002·3	1011·3	- 0·8	262·2	273·6	29th	255·5	245·6	23rd	258·8	*259·3*	+ 1·8	14	- 1
250	Tcherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
260	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Obdorsk	66 31	66 35	35·2	1012·0	1018·8	- 0·2	257·8	271·7	16th	249·5	239·2	2nd	253·6	*253·6*	+ 3·1	14	+ 6
262	New Port	67 42	72 57	3·3	..	..	..	257·8	271·0	16th	250·4	235·3	2nd	254·1	*254·2*	..	9	..
263	Sourgout	61 15	73 24	46	1016·0	1022·6	+ 3·3	..	..	..	..	..	..	..	*254·9*	+ 1·7	17	+ 5
264	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
265	Touroukhansk	65 47	87 57	45·0	1017·4	1023·6	+ 3·2	..	..	..	..	..	..	..	*252·9*	+ 3·7	..	..
266	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
267	Iakoutsk	62 1	129 43	108	1010·0	1025·7	- 1·0	..	..	..	..	..	..	..	*236·5*	- 1·1	6	+ 1
268	Verkhoiansk	67 33	133 24	100	1002·3	1017·3	- 4·9	..	..	..	..	..	..	..	*229·2*	+ 0·5	3	0
269	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
270	Nalakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Martinskii Post	64 45	177 33	22·7	1007·1	1010·1	- 7·0	..	..	..	..	..	..	..	*253·1*	+ 1·8	4	- 2
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.*			Temperature.									Precipitation.	
					Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	275·4	278·6	24th	271·2	266·3	15th	273·3	..	..	130	
302	St. Paul Island	57 15	170 10	12·2	..	1011·8	+10·0	271·7	275·2	18,25,29	268·6	250·8	7th	270·1	..	+ 2·7	20	
303	Dutch Harbor (Radio)	53 55	166 30	4·0	991·6	992·2	- 6·5	277·8	281·9	29th	271·6	254·1	9th	274·7	*274·3*	+ 1·9	..	
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	26	
306	Kodiak (Radio)	57 47	152 22	4·6	1002·5	1003·0	+ 1·7	274·2	276·6	27th,28th	266·9	255·8	11th	270·6	..	+ 4·7	1116	
								277·2	280·2	16th	272·2	265·8	18th	274·7	*275·1*	+ 1·9		
309	Sitka	57 3	135 19	19·8	..	..	..	279·1	283·6	28th	272·1	265·2	23rd	275·6	..	+ 1·4	198	
310	Prince Rupert	54 18	130 18	51·8	1013·5	1020·0	+ 8·9	280·2	285·8	28th	273·0	268·6	28th	276·6	*276·9*	+ 1·5	213	
311	Barkerville	53 2	121 35	1274	870·7	1022·1	+ 4·9	272·4	278·0	10th	263·6	249·1	22nd,23rd	268·0	*268·1*	+ 2·4	94	
312	§Kamloops	50 41	120 29	385	980·3	1028·6	+ 4·9	276·1	280·2	10th	268·7	257·0	24th	272·4	*272·6*	+ 2·2	2	
313	Calgary	51 2	114 2	1058	896·2	1023·3	+ 3·5	276·3	287·4	9th	264·1	246·3	22nd	270·2	*269·8*	+ 6·4	21	
314	Fort Chipewyan	58 42	111 10	218	..	..	..	265·2	274·1	7th,10th	255·2	242·4	21st	260·2	*260·7*	+ 8·8	9	
315	Prince Albert	53 10	105 38	437	963·8	1020·1	- 2·3	268·6	279·1	9th,11th	255·2	241·3	21st	261·9	*261·7*	+ 6·3	5	
316	Qu'Appelle	50 30	103 47	651	939·1	1021·4	- 1·8	268·6	281·9	10th	258·0	244·7	22nd	263·3	*263·2*	+ 6·9	4	
317	Minnedosa	50 15	99 50	515	954·1	1020·4	- 2·0	266·4	276·1	10th	255·4	241·6	21st	260·9	*260·5*	+ 5·6	4	
318	Berens River	52 18	97 23	216	..	..	..	258·4	271·9	10th	248·2	233·0	24th	253·3	..	+ 0·5	12	
318a	Port Nelson	57 0	92 51	14·9	1013·7	1015·7	- 2·3	254·1	266·3	6th,9th	245·2	235·2	24th	249·7	..	+ 2·4		
319	Pagwa	50 3	85 18	189	..	..	..	265·2	276·9	11th	244·3	235·8	1,5,23	254·7	..	- 1·1	11	
320	Moose Factory	51 14	80 30	9·1	1014·1	1015·3	- 1·7	261·9	270·8	7th,10th	255·2	242·4	21st	260·2	*260·7*	+ 6·8	25	
321	Fort George	53 50	79 5	97·5	..	..	..			7,13,29	248·6	237·4	21st,24th	255·2	..	+ 1·3	..	
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	76	
324	§Natashquan	50 8	61 48	6·1	..	..	..	261·8	271·3	16th	242·8	229·7	19th	252·3	..	- 1·6	58	
								264·1	274·1	25th	249·4	240·8	7th	256·7	..	- 1·7		
326	Belle Isle	51 53	55 23	130	988·2	1005·7	- 0·4	263·2	271·9	24th	255·8	244·1	22nd	259·4	*259·6*	- 1·3	..	
333a	62°-57°N. 20°-15°W.	††58 21	††17 23	§(24)						Sea Temp.								
334	Valentia Observatory	51 56	10 15	13·7	1014·0	1015·7	+ 3·0			281·4	+0·1						120	
335	Aberdeen	57 10	W. 2 6	26·0	1006·2	1009·4	- 0·8	283·4	286·1	27th	279·8	275·2	29th	281·6	281·7	+ 1·7	16	
336	Greenwich	51 28	0 0	46·3	..	1019·4	+ 3·5	280·0	285·4	8th	275·1	270·4	23rd	277·5	277·7	+ 1·0	30	
								283·4	286·9	25th,27th	275·5	270·8	22nd	279·4	279·3	+ 2·0		
337	Uccle	50 48	E. 4 22	100	1008·4	1020·8	+ 4·2	282·4	288·7	26th	275·0	269·8	23rd	278·7	278·5	+ 2·6	54	
338	De Bilt	52 6	5 11	3·0	1019·0	1019·4	+ 3·2	281·6	285·9	28th	274·3	269·4	23rd	277·9	277·8	+ 2·2	55	
338a	Hamburg	53 33	9 58	40·3	1014·4	1019·5	+ 3·9	279·1	284·4	26th	273·9	270·5	25th	276·5	*276·2*	+ 2·3	53	
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1016·4	1017·0	+ 3·3	276·9	281·2	8th	273·0	269·4	21st	274·9	*275·0*	+ 2·6	52	
340	Potsdam	52 23	13 4	84·9	1009·9	1020·6	+ 4·5	278·6	284·7	16th	272·4	267·3	22nd	275·5	275·2	+ 1·7	19	
340a	Uppsala	59 51	17 38	24	1009·9	1012·9	+ 0·5	273·2	278·3	9th	266·0	256·0	22nd	269·6	269·5	+ 1·3	54	
341	Warsaw	52 13	21 3	89·9	1009·6	1021·0	+ 3·0	274·3	282·0	17th	268·4	256·8	5th	271·3	*271·6*	..	36	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1004·9	1015·3	+ 1·2	270·1	276·9	9th	264·8	256·0	19th	267·4	267·5	+ 1·1		
343	Leningrad	59 56	30 16	8·6	1013·8	1014·9	+ 0·8	267·7	276·2	10th	262·5	254·5	14th	265·1	*265·2*	+ 0·2	28	
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	
344a	Moscow	55 50	37 33	167	997·2	1019·3	+ 0·7	264·7	277·5	12th	254·8	241·6	6th	259·8	*260·1*	- 3·8	11	
345	Saratov	51 32	46 2	127	1002·4	1019·2	- 2·8	263·6	277·5	13th	256·2	244·3	23rd	259·9	*260·4*	- 1·6	44	
346	Kazan	55 47	49 8	79·9	1007·6	1018·2	- 2·9	263·9	275·0	11th	256·4	242·4	25th	260·1	*259·9*	- 1·6	9	
347	Orenburg	51 45	55 6	109	1005·5	1020·0	- 5·2	263·5	275·6	13th	256·3	244·2	9th	259·9	*260·2*	+ 1·2	32	
348	Perm	58 1	56 16	163	997·9	1019·5	- 1·1	..	..	..	..	..	..	..	*259·2*	- 0·5		
349	Sverdlovsk	56 50	60 38	281	983·4	1020·4	- 0·9	..	..	..	..	..	..	..	*259·0*	- 0·9	7	
350	Tobolsk	58 12	68 14	108	1009·5	1024·0	+ 1·5	..	..	..	..	..	..	..	*256·8*	- 0·1	19	
351	Akmolinsk	51 12	71 23	347	979·6	1025·4	- 4·0	..	..	..	..	..	..	..	*257·9*	+ 1·4	33	
352	Omsk	55 1	73 19	108	1011·6	1026·3	+ 1·1	..	..	..	..	..	..	..	*254·7*	- 0·6	5	
353	Barnaoul	53 20	83 48	162	1008·0	1029·7	- 0·2	..	..	..	..	..	..	..	*258·6*	+ 2·0	24	
354	Tomsk	56 30	84 58	123	1012·6	1029·1	+ 2·2	..	..	..	..	..	..	..	*257·3*	+ 0·9	9	
355	Minousinsk	53 43	91 41	249	998·7	1032·5	+ 1·3	..	..	..	..	..	..	..	*254·0*	- 1·0	8	
356	Enisseisk	58 27	92 10	81·2	1018·7	1029·9	+ 3·4	..	..	..	..	..	..	..	*254·1*	- 0·7	12	
357	Irkutsk	52 16	104 19	467	971·2	1033·9	+ 2·2	..	..	..	..	..	..	..	*253·9*	- 0·8	14	
358	Kirensk	57 47	108 7	278	994·4	1032·6	+ 3·0	..	..	..	..	..	..	..	*251·3*	+ 0·8	10	
359	Tchita	52 2	113 30	685	938·4	1029·6	- 0·9	..	..	..	..	..	..	..	*250·7*	- 0·5	0	
360	Nertchinskii Zavod	51 19	119 37	621	947·6	1032·2	+ 2·1	..	..	..	..	..	..	..	*246·1*	- 2·7	4	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	1003·2	1022·4	- 0·5	..	..	..	..	..	..	..	*254·5*	- 0·4	3	
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1009·2	1015·0	- 2·2	..	..	..	..	..	..	..	..	..	2	
366	Okhotsk	59 21	143 17	6·0	1009·6	1010·4	- 6·4	..	..	..	..	..	..	..	*253·0*	+ 0·3	0	
								..	..	..	..	..	..	..	*251·9*	+ 0·7		
368	Petropavlovsk (Phare)	52 53	158 43	87·1	984·6	995·7	- 8·9	..	..	..	..	..	..	..	*264·5*	+ 2·5	56	
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See Remarks page 106.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.*			Temperature.									Precipitation.	
					Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1014·2	1022·9	+ 6·5	281·3	284·7	29th	276·6	274·2	23rd	278·9	*278·8*	+ 1·2	11	-72
412	Portland, Oregon	45 32	122 41	46·6	1018·0	1023·7	+ 5·1	283·4	288·6	17th	276·2	272·4	15th	279·8	*279·6*	+ 1·5	30	-110
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	276·2	283·0	5,11,19	265·3	243·6	22nd	270·8	*270·8*	+ 5·1	6	-12
414a	Salt Lake City	46 34	112 4	1253	877·7	1025·7	+ 5·1	273·1	280·2	18th	263·2	247·4	23rd	268·2	*268·1*	+ 0·4	4	-12
415	Cheyenne	40 46	111 54	1329	871·1	1022·0	+ 2·9	278·9	285·2	21st	271·4	266·3	16th	275·2	*275·0*	+ 1·6	7	-30
415a	North Platte	41 8	104 48	1856	812·6	1021·7	+ 3·3	278·8	288·0	11th	263·9	253·6	25th	270·3	*270·2*	+ 0·4	33	+19
417	Bismarck	46 47	100 45	860	918·9	1021·3	+ 1·6	280·2	293·0	11th	265·4	256·3	25th	272·8	*272·4*	+ 3·2	4	- 9
418	Winnipeg	49 53	97 7	232	957·5	1020·6	+ 0·3	272·6	284·1	11th	261·2	250·8	23rd	266·9	*266·8*	+ 6·8	3	- 9
	Duluth	46 47	92 6	345	975·1	1018·6	0·0	267·8	276·3	10th	258·6	245·2	24th	263·2	*263·1*	+ 1·8	8	-16
419	Port Arthur	48 27	89 12	196	992·8	1018·3	- 0·8	267·4	275·8	10th,13th	257·4	244·7	25th	262·4	*262·2*	+ 3·2	11	- 7
420	Chicago	41 47	87 35	205	993·1	1018·6	0·0	275·6	284·1	3rd	258·5	258·0	25th	272·1	*272·0*	+ 1·9	40	-13
421	Toronto	43 40	79 24	116	1002·8	1017·7	- 0·5	272·6	278·3	8th	264·6	252·9	25th	268·6	*268·4*	+ 1·7	43	-17
422	New York (Central Park)	40 47	73 58	47·4	1012·8	1018·6	+ 0·9	277·5	285·8	23rd	269·6	259·1	26th	273·6	273·6	+ 1·3	123	+30
424	St. John, N.B.	45 17	66 4	36·3	1010·1	1014·8	+ 0·9	270·4	277·8	23rd	260·6	251·1	26th	265·5	*265·4*	- 0·8	60	-39
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1010·5	1011·7	+ 0·9	264·7	271·9	24th	256·3	248·9	25th	260·5	*261·1*	- 1·8	23	-23
	Sable Island (Main Station)	43 57	60 6	7·6	1013·8	1014·8	+ 2·5	274·1	280·2	9th	266·9	260·2	26th	270·5	*270·8*	- 0·5	124	+ 5
426	Port aux Basques	47 35	59 10	9·1	1009·8	1011·0	+ 0·2	268·2	275·2	24th	260·7	250·8	26th	264·5	*264·4*	- 0·3	142	+53
428	St. John's, Newfoundland	47 34	52 42	74·1	998·3	1007·8	- 1·0	..	..	..	..	..	..	266·4	..	- 1·3	..	..
435	Madrid																	
436	Nantes	40 24	3 41	667	947·0	1028·3	+ 6·0	286·8	294·1	17th	276·1	269·8	8th	281·4	*280·8*	+ 2·3	33	-12
437		47 15	W. 1 34	36·5	1018·6	1023·1	+ 5·0	284·7	288·6	28th	278·0	273·3	7th	281·3	281·4	+ 3·0	54	- 4
438	Paris (Parc St. Maur)																	
438a	Marseille	48 49	E. 2 30	50·3	1017·2	1023·4	+ 5·5	284·0	288·5	27th	275·9	272·0	4th	280·0	279·8	+ 2·7	56	+23
439	Zürich	43 18	5 23	75	..	1023·4	+ 6·8	287·3	293·7	15th	277·0	271·4	5th	282·1	*281·5*	+ 0·6	1	-36
440	Rome	47 23	8 33	493	965·7	1026·0	+ 5·8	280·9	284·9	15th	272·6	266·7	5th	276·7	276·2	+ 2·4	73	+18
440a	Vienna	41 54	12 27	45·5	1016·5	1022·0	+ 5·7	286·8	291·0	15th	276·7	273·0	9th,24th	281·8	*281·9*	0·0	5	-63
441	Budapest	48 15	16 22	203	998·7	1024·1	+ 5·2	278·1	285·8	17th	272·6	265·7	24th	275·4	275·2	+ 1·7	58	+25
442	Sofia	47 31	19 1	130	1007·0	1023·4	+ 4·2	278·4	286·5	9th	271·9	264·4	23rd	275·1	275·1	+ 1·6	15	-15
	Bucharest	42 42	23 20	550	956·0	1024·0	+ 3·7	275·6	287·5	17th	268·7	259·7	26th	272·1	*271·6*	+ 1·6	16	-15
443	Odessa (Observatory)	44 25	26 6	82	1012·9	1023·4	+ 3·6	275·0	282·6	12th	267·4	259·5	6th	271·2	270·8	- 1·4	30	+ 2
444	Kharkiv (University)	46 26	30 46	42·8	1016·1	1021·7	+ 2·0	270·3	280·3	18th	264·5	253·6	6th	267·4	*267·3*	- 4·0	8	-13
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1013·6	1018·3	+ 0·1	275·0	283·9	13th	268·4	254·8	5th	271·7	*271·5*	- 4·6	62	- 6
446	Astrakhan	41 43	44 48	404	969·1	1018·8	- 2·8	276·6	286·4	14th	270·1	259·5	9th	273·3	273·3	- 2·2	87	+68
447	Fort Alexandrovsk	46 21	48 2	-13·8	1022·5	1020·8	- 2·1	..	..	..	..	..	..	..	*265·7*	- 2·2	12	+ 3
448	Krasnovodsk	44 31	50 7	-23·0	1022·1	1019·2	- 2·9	..	..	..	..	..	..	..	*268·4*	- 2·0	18	+11
		40 0	52 59	-4·6	1018·4	1017·8	- 3·1	..	..	..	..	..	..	..	*276·0*	- 1·1	15	+ 2
449	Kasalinsk																	
450	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*263·8*	+ 1·5	10	+ 2
451	Marynskoe	41 20	69 18	478	963·1	1021·7	- 2·8	280·4	296·2	25th	270·4	254·6	10th	275·4	*275·0*	+ 0·7	66	+32
452	Alma Ata	41 26	76 13	2015	..	..	..	..	..	..	254·8	243·6	1st	..	*260·5*	+ 1·5	12	+ 2
		43 16	76 53	841	921·8	1024·0	- 3·4	275·8	290·7	26th	265·5	252·3	2nd	270·5	*270·2*	..	19	- 9
461	Moukden																	
462	Joshin	41 48	123 23	43·8	1020·9	1026·7	+ 1·3	269·2	276·9	21st	257·5	248·1	8th	263·3	263·4	- 0·4	8	+ 1
463	Yuki	40 40	129 11	31·9	1018·0	1022·1	+ 1·4	272·8	278·4	22nd	263·1	256·0	8th	267·9	267·8	- 0·9	38	+23
464	Vladivostok	42 20	130 24	63·8	1013·8	1021·9	+ 0·8	269·7	276·1	20th	261·8	254·9	8th	265·7	265·7	- 0·7	16	+ 7
465	Ochiai	43 7	131 54	128	1004·7	1021·7	- 0·1	..	..	..	..	..	..	..	*261·0*	- 2·0	41	+32
466	Nemuro	47 20	142 47	27·4	1010·1	1013·8	0·0	265·0	274·5	22nd	251·4	240·4	12th	258·2	258·6	- 0·9	19	-11
466a	Oyana	43 20	145 35	26·7	1008·9	1012·3	- 0·4	270·2	276·0	21st	262·7	257·9	12th	266·5	266·8	- 0·7	33	+ 8
		45 14	147 53	39·3	1005·5	1010·6	- 0·8	268·5	276·4	23rd	262·4	254·9	1st	265·5	265·5	- 0·5	31	-23
		N.	E.															

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N.

FEBRUARY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.*			Temperature.									Precipitation.	
					Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Total	Diff. from Normal.
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
431	San Francisco	37 48	122 26	47·2	1014·6	1020·3	+ 1·2	289·3	292·4	9th	282·3	279·7	13th	285·8	*285·5*	+ 2·0	50	-42
432	Sacramento	38 35	121 30	21·0	1017·9	1020·3	+ 1·6	288·9	292·4	19th	278·6	275·2	18th	283·8	*284·1*	+ 0·7	35	-37
433	San Diego																	
434	Modena	32 43	117 10	26·5	1015·2	1018·3	+ 0·6	291·9	299·7	2nd	282·4	275·8	16th	287·2	*286·9*	+ 1·5	20	-27
435	Santa Fé	37 48	113 54	1668	834·9	1018·6	+ 1·6	281·3	286·3	29th	267·5	261·9	17th	274·4	*274·4*	+ 1·6	14	-12
436	Denver	35 41	105 57	2138	786·2	1018·3	+ 1·5	278·7	286·3	28th	268·0	260·8	17th	273·3	*273·2*	+ 0·2	31	+ 9
437	Abilene	39 45	105 0	1613	837·9	1021·0	+ 3·2	279·8	289·7	4th	267·6	256·3	16th	273·7	*273·5*	+ 0·9	15	+ 2
438	Saint Louis	38 38	90 12	173	999·3	1020·3	+ 0·7	280·5	289·7	5th	276·2	268·6	25th	282·5	*281·6*	+ 1·4	20	- 3
439	Mobile									28th	271·7	261·3	18th	276·1	*275·7*	+ 2·2	62	- 3
440	Nashville	30 41	88 2	17·4	1019·0	1021·3	+ 1·3	288·9	295·2	3rd	280·4	270·2	19th	284·7	*284·3*	- 0·2	216	+63
441	Charleston	36 10	86 47	186	1001·9	1022·0	+ 1·8	283·1	293·6	4th	273·7	265·2	19th	278·4	*278·5*	+ 0·5	67	-39
442	Washington	38 47	79 56	14·6	1019·0	1020·6	+ 0·8	288·1	294·1	5th	279·8	269·7	19th	283·9	*283·8*	+ 0·2	189	+105
444	Bermuda	38 54	77 3	34·1	1015·6	1020·0	+ 0·4	280·6	290·2	4th	271·7	264·7	26th	276·1	*275·8*	+ 1·6	68	-13
		32 17	64 46	46·0	1016·3	1021·8	+ 3·3	293·6	296·3	24th	285·8	281·6	13th	289·7	*289·7*	- 0·2	144	+25
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107.

FEBRUARY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	♯Santa Cruz (Flores)	39 27	31 9	40	1016·7	1021·4	+ 0·7	289·7	294·6	2nd	285·1	276·0	24th	287·4	287·5	+ 0·8	320	+146
531	Horta	38 32	28 38	65	1014·9	1022·7	+ 1·6	289·4	291·9	3rd	285·5	276·7	24th	287·4	287·2	0·0	196	+120
532	Ponta Delgada	37 44	25 40	22	1021·5	1024·1	+ 3·7	289·5	291·1	10th	286·0	278·6	24th	287·8	287·7	+ 0·6	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	154	+74
533	Madeira (Funchal)	32 38	16 55	25	1022·9	1025·9	+ 5·1	292·3	299·0	21st	287·9	285·0	26th	290·1	*290·0*	+ 1·0	38	- 7
535	Lisbon	38 43	9 9	95	1014·0	1025·5	+ 5·9	286·4	295·0	20th	282·4	277·8	9th	285·4	285·2	+ 1·0	74	+17
535a	Melilla	35 17	2 59	40	1020·6	1025·5	..	289·2	291·3	9th	284·3	280·1	10th	286·7	*286·7*	+ 1·9	82	+ 5
536	Gibraltar	36 6	5 21	16·2	..	1025·5	+ 5·5	289·1	291·9	15th	283·3	279·7	5th,6th	286·2	*286·3*	0·0	13	- 7
536a	Colomb-Béchar	31 36	W. 2 4	769	934·8	1023·6	..	292·0	297·0	14th	276·8	271·0	6th	284·4	*283·7*	+ 0·5	..	..
537	Palma	39 34	E. 2 39	23	1021·4	1024·2	+ 5·5	289·8	296·4	15th	277·6	273·0	5th	283·7	*283·1*	- 0·7	40	+ 3
538	Algiers (Bouzaréah)	36 48	3 2	342	983·4	1024·2	+ 6·1	286·4	292·4	24th	281·4	275·9	4th	283·9	283·8	+ 0·5	46	+ 9
538a	Gadames	30 9	9 30	351	..	..	..	..	..	..	..	..	..	..	..	..	15	- 6
539	Tunis	36 48	10 10	75	1015·0	1024·2	..	287·5	290·9	15th,16th	280·6	276·0	10th	284·0	*283·7*	- 0·1	94	+46
539a	Malta	35 54	14 31	56·4	..	1020·2	+ 4·4	286·9	289·2	16th	283·2	279·8	24th	285·1	*284·6*	- 0·8	117	+61
540	Riposto	37 41	15 14	14·2	..	1022·5	+ 5·4	286·9	292·2	15th	279·1	275·8	27th	283·0	*283·9*	- 0·7	126	+ 5
541	Athens	37 58	23 43	107	1006·6	1019·8	+ 2·7	283·9	294·1	18th	277·6	270·0	26th	280·8	280·4	- 1·7	29	- 8
542	Alexandria	31 12	29 53	32·0	1013·6	1017·4	+ 0·5	290·8	295·5	1st	284·4	278·7	28th	287·6	*287·3*	- 0·2	30	- 1
543	Ankara (Angora)	39 58	32 48	861	915·9	1019·8	+ 0·9	276·0	288·7	2nd	266·6	256·8	27th	271·3	*271·1*	..	22	- 6
543a	Nicosia (F.W.D.)	35 9	33 22	159	994·6	1013·8	- 1·3	286·3	290·8	18th	278·7	274·1	28th	282·5	..	- 0·6	106	+ 5
544	Beirut	33 54	35 28	33·7	..	1014·7	- 1·7	289·6	295·8	3rd	283·4	276·9	29th	286·5	*286·1*	- 0·5	358	+208
545	Hinaidi	33 17	44 29	32·3	1012·5	1016·3	- 3·2	290·2	294·7	20th,21st	278·2	271·3	1st	284·2	*283·9*	+ 0·1	46	+ 2
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	282·7	291·9	23rd	273·2	261·9	11th	277·9	*277·8*	- 0·3	56	+ 4
548	Meshed	36 17	59 38	946	877·9	..	..	282·3	299·9	25th	269·7	255·2	10th,12th	276·0	..	+ 0·2	47	+ 1
549	Seistan	31 0	61 30	610	..	..	..	292·3	304·0	29th	276·9	266·1	3rd	284·6	..	+ 1·4	3	- 6
550	Quetta	30 12	67 0	1673	835·2	..	+ 1·1	287·2	299·8	27th	270·3	259·6	3rd	278·7	*278·6*	+ 0·1	57	+ 1
551	Peshawar	34 2	71 37	339	979·2	1019·9	+ 0·8	291·4	299·2	29th	280·0	275·8	1st	285·7	*285·1*	+ 0·4	97	+ 32
551a	Lahore	31 34	74 20	214	990·5	1016·1	- 0·4	296·2	302·8	29th	282·9	277·5	4th	289·6	*289·3*	+ 2·2	12	- 12
552	Simla	31 7	77 8	2204	782·0	..	+ 1·6	282·5	288·6	26th	277·0	271·5	8th	279·7	*279·6*	+ 1·0	107	+ 57
552a	Leh	34 10	77 42	3503	666·5	..	+ 2·9	272·3	279·1	29th	261·3	255·9	19th	266·8	*265·8*	- 0·3	37	+ 7
559	Hankow	30 35	114 17	37·0	1023·1	1027·7	+ 2·1	284·6	299·9	29th	275·0	268·8	11th	279·8	*279·3*	+ 0·7	84	+ 1
560	Tientsin	39 9	117 9	6·4	1027·3	1028·1	+ 1·5	276·4	284·2	24th	265·1	256·1	7th	270·7	*270·7*	- 0·6	..	..
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1026·1	1027·0	+ 2·0	282·8	296·6	29th	273·0	267·9	18th	277·9	277·2	+ 0·1	33	- 6
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1016·9	1025·6	+ 2·6	274·6	281·9	29th	266·8	259·0	8th	270·7	270·4	- 0·8	6	- 3
562a	Nagasaki	32 44	129 52	133	1006·5	1022·9	+ 2·2	282·8	292·5	28th	275·4	271·0	9th	279·1	278·6	- 0·3	104	+ 68
563	Kyoto	35 1	135 44	42·9	1015·4	1020·8	+ 2·1	281·5	287·0	23rd	271·6	267·3	2nd	276·5	275·9	- 0·1	82	+ 46
564	Tokyo	35 41	139 46	5·8	1016·3	1017·0	+ 0·9	281·7	289·6	23rd	271·3	268·2	9th	276·5	276·3	- 0·5	93	+ 57
565	Hukusima	37 45	140 28	68·5	1008·5	1017·1	+ 0·9	278·2	286·8	22nd	269·7	265·0	3rd	273·9	273·5	- 0·4	64	+ 28
566	Miyako	39 38	141 59	30·4	1010·7	1014·6	- 0·3	278·0	284·8	23rd	267·2	262·7	20th	272·6	272·0	- 0·7	64	+ 28
		N.	E.															

FEBRUARY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1016·1	1016·9	+ 1·2	296·0	298·0	17th	287·4	283·6	24th	291·7	*291·2*	+ 0·6	60	+ 15
605	Honolulu	21 19	157 52	11·6	1017·0	1018·3	+ 1·8	297·6	299·1	21st	291·6	289·1	26th	294·6	*294·4*	0·0	..	..
613	Guaymas	27 55	110 53	8·3	1015·2	1016·2	..	297·0	302·8	10th	286·8	280·7	26th	291·9	*291·6*	- 0·7	0	0
615	Leon	21 7	101 41	1809	821·5	1012·3	- 0·3	298·4	301·6	25th	280·6	276·5	19th	289·5	*289·1*	+ 0·4	38	+ 9
616	Monterry	25 40	100 18	528	956·8	1018·1	+ 1·7	293·0	306·9	29th	283·5	278·0	28th	288·3	*287·6*	- 1·6	9	- 20
617	Tulancingo	20 5	98 22	2181	790·1	..	- 0·1	296·3	302·6	17th	279·1	272·0	17th	287·7	*286·1*	+ 0·2	137	+ 93
618	Galveston	29 18	94 50	16·5	1019·2	1021·3	+ 2·1	288·9	296·9	7th	283·1	274·7	25th	286·0	*285·7*	- 0·2	204	+ 160
618a	New Orleans	29 57	90 4	16·2	1019·2	1021·3	+ 2·4	289·3	296·3	13th	282·1	273·0	19th	285·7	*285·4*	- 1·2	..	..
619	Mérida, Yuc.	20 58	89 38	22	1014·0	1016·6	- 0·4	302·6	306·4	23rd	292·5	287·6	sev.dates	297·5	*296·7*	+ 1·2	89	+ 15
620	Havana	23 7	82 25	77·0	1008·8	1017·8	- 0·5	299·7	303·5	24th	291·8	286·8	29th	295·7	295·3	..	102	+ 5
620a	Key West	24 33	81 48	6·7	1018·3	1018·9	+ 0·4	298·0	301·9	25th	291·9	283·6	19th	295·0	*294·2*	+ 0·5	358	+ 261
621	Nassau, Bahamas	25 5	77 20	9·6	..	1019·0	+ 0·4	298·6	303·0	18th	292·9	289·7	19th	295·7	*295·6*	+ 0·5	46	+ 2
622	Watling Island	24 6	74 26	33·5	1014·6	1018·5	- 0·5	..	299·1	15,23,25	..	294·1	20th	..	*297·4*	+ 0·5	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	297·4	301·0	18th	287·9	287·0	26th	292·7	*292·0*	..	77	+ 41
634m	Izaña	28 19	16 30	2367	770·3	..	+ 3·6	281·0	287·7	3rd	274·3	269·3	26th	277·6	*277·4*	+ 1·9	47	+ 11
634	La Laguna	28 28	16 20	547	958·2	1022·5	+ 2·6	291·2	294·3	17th	281·2	277·0	17th	286·2	*285·5*	+ 0·7	2	- 34
636	Adrar	27 38	W. 0 4	285	990·5	1024·4	..	296·7	304·9	25th	278·8	271·6	6th	287·8	*289·1*	..	..	..
638	Laperrine	22 36	E. 5 26	1350	..	..	..	293·6	299·0	25th	277·8	271·0	2nd	285·7	..	..	0	0
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642	Siwa	29 12	25 29	-23	1022·6	1019·8	+ 2·3	292·6	297·1	18th	279·3	272·0	26th	286·0	..	..	5	+ 1
643	Cairo (Helwan)	29 52	31 20	116	1004·2	1018·0	+ 0·5	292·1	303·2	1st	281·7	277·0	29th	286·9	*286·5*	- 0·6	..	..
643a	Aswan	24 2	32 53	100	1005·4	1017·3	+ 0·8	296·2	311·9	1st	283·2	277·2	26th	290·7	*289·8*	- 0·3	6	+ 1
644	Tor	28 14	33 37	1·9	1016·2	1016·4	+ 0·5	293·6	304·1	2nd	283·5	279·0	27th	288·6	*288·6*	+ 0·4	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics
♯Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

FEBRUARY - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1015·8	1016·2	..	292·6	299·6	23rd	285·2	280·1	12th	288·9	*288·6*	+ 0·9	3	-45
648	Jask	25 45	57 45	4·0	1015·4	1015·8	..	297·9	302·2	26th	289·4	284·2	12th	293·7	*293·4*	+ 0·5	0	-22
649	Karachi	24 53	66 57	4·0	1015·6	1016·0	- 0·3	297·5	301·2	23rd	288·8	282·0	3rd	293·2	*292·9*	- 0·6	3	- 7
650	Jacobabad	28 17	68 29	56·7	1009·8	1016·6	+ 0·2	300·6	312·2	28th	282·3	272·1	4th	291·4	*291·0*	+ 1·2	1	- 7
651	Jaipur	26 56	75 52	436	966·2	1016·7	+ 0·2	299·8	308·1	28th,29th	285·7	280·0	5th	292·7	*292·1*	+ 1·2	24	+17
652	Agra	27 10	78 1	551	960·4	1016·1	+ 0·9	304·1	309·0	29th	288·1	284·7	6th	296·1	*295·9*	- 0·2	52	+36
652a	Allahabad	25 25	81 51	94·2	1004·7	1015·9	+ 0·1	299·0	306·2	29th	286·2	282·8	10th	292·6	*292·0*	+ 0·9	104	+69
654	Darjeeling	27 3	88 15	2265	777·5	..	+ 2·0	284·4	288·4	14th	277·3	273·4	9th	280·8	*280·7*	+ 2·3	53	+25
655	Calcutta	22 32	88 20	6·4	1014·6	1015·4	+ 0·5	302·9	308·0	29th	289·8	287·1	18th	296·4	*295·9*	+ 1·6	1	-27
655a	Gauhati	26 8	91 41	59·7	1009·8	1016·6	+ 0·4	300·3	303·7	28th	285·3	282·5	13th	292·8	*291·9*	+ 1·2	10	-22
655b	Cherrapunji	25 15	91 42	1313	871·5	..	+ 1·5	291·6	295·2	5th	283·2	279·9	9th	287·4	*286·7*	+ 1·7	20	-49
656	Mandalay	20 11	92 56	6·1	1013·0	1013·8	- 0·4	302·3	307·1	1st	289·3	285·9	11th,12th	295·8	*295·6*	+ 0·1	0	- 4
656a	Tengyueh	21 59	96 0	76·2	1005·5	1014·4	+ 0·1	306·1	308·4	17th	289·9	287·1	12th	298·0	*297·3*	+ 1·1	15	+13
657	Pau Lien	25 2	98 33	1626	837·4	1014·6	..	291·7	295·8	4th	276·7	272·4	12th	284·2	*283·6*	+ 1·6	42	+ 4
658	Monkay	20 48	106 38	116	..	1019·6	+ 2·8	291·1	297·6	23rd,29th	285·9	280·8	19th	288·5	288·1	- 1·5	85	+52
659	Hongkong	21 31	107 51	9·0	..	1018·3	+ 1·0	290·8	297·1	23rd	285·0	280·4	14th	287·9	*287·2*	- 1·2	108	+50
660	Amoy	22 18	114 10	33·2	..	1020·2	+ 1·6	290·3	294·7	22nd	285·8	280·2	1st	288·1	287·8	- 0·1	91	+45
661	Taihoku, Formosa	24 26	118 4	4·9	..	..	..	289·2	294·1	23rd	283·3	278·6	1st	286·3	286·2	- 0·1	41	-36
661a	Easco	25 2	121 31	9·3	1020·9	1022·0	+ 2·0	291·2	299·3	29th	285·8	281·5	1st	288·5	288·0	+ 0·1	58	-74
662	Naha	20 28	121 59	18·7	..	1016·3	+ 1·3	298·2	301·3	6th	293·8	291·5	19th	296·0	295·6	+ 0·1	64	-54
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1018·8	1019·3	+ 2·5	292·9	296·2	11th	286·2	281·5	23rd	289·5	289·8	- 0·6	67	-17
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

FEBRUARY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	957·5	1013·6	+ 0·7	305·6	308·4	24th	287·8	283·6	13th	296·7	*295·0*	- 0·7	0	- 1
716	Morelia	19 42	101 7	1923	810·1	1011·7	- 0·5	296·4	298·6	25th	281·7	276·1	14th	288·5	*288·6*	+ 0·3	3	- 3
717	Mexico, Tacubaya	19 24	99 12	2309	775·1	..	+ 0·2	296·7	300·7	16th	278·4	273·5	19th	287·5	286·8	+ 0·3	2	- 6
718	Salina Cruz	16 12	95 12	56	1006·4	1012·8	- 0·8	302·1	304·8	24th	294·8	292·2	20th	298·5	*298·3*	+ 0·7	0	- 7
719	San Salvador	13 42	89 13	682	938·0	1013·2	- 0·2	308·4	310·0	25th	289·3	287·0	6th	298·9	*296·8*	+ 1·3	3	- 4
720	Belize	17 31	88 11	5·2	1015·7	1016·3	+ 0·5	..	..	..	295·1	289·1	19th	..	‡*297·2*	+ 0·4	61	- 1
721	Jamaica (Wagrill Pt.)	18 15	78 23	10·1	..	1015·9	+ 0·4	303·8	306·8	24th	293·2	290·6	14th	298·5	*298·2*	+ 0·9	60	+13
722	Port au Prince	18 33	72 20	37·4	1012·3	1016·6	+ 0·4	304·6	308·0	25th	294·1	292·1	17th	299·4	*298·5*	+ 0·6	30	-34
723	Caracas	10 30	66 56	1042	899·4	1014·1	- 0·2	297·5	299·2	19th,21st	287·3	283·9	10th	292·4	*291·6*	+ 0·3	1	- 8
724a	San Juan, Porto Rico	18 29	66 7	25·0	1015·0	1017·9	+ 0·8	299·6	303·0	28th	293·9	291·9	12th	296·8	*296·6*	0·0	73	+ 9
725	Grenada (Richmond Hill)	12 5	61 46	188	992·2	1013·9	- 0·2	302·6	304·7	21st	295·3	294·1	11,12,28	298·9	*298·5*	+ 0·8	54	-17
726	Barbados	13 8	59 36	55·2	..	1015·3	+ 0·3	302·3	303·3	27th	294·7	290·9	11th	298·5	*298·3*	+ 0·7	27	-27
727	♯Sto Vicente, C. Verde Is.	16 54	25 4	11	1015·3	1016·6	+ 1·4	295·6	297·5	22nd	291·8	290·0	27th	293·7	*294·0*	- 0·3	0	- 5
728	♯San Tiago, C. Verde Is.	14 54	23 31	34	1011·3	1015·3	+ 0·3	297·7	299·7	24th	291·3	289·0	2nd	294·5	*295·2*	- 0·1	0	- 2
734	Dakar	14 40	17 26	32	1010·0	1013·8	..	297·7	301·8	19th	289·6	288·3	7th	293·7	*292·5*	- 1·2	0	- 2
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·3	305·8	14th	290·9	286·0	19th	295·6	*295·2*	- 1·3	0	..
736	Nianébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Timbuktu	16 43	W. 3 2	270	..	..	..	303·0	310·5	29th	286·7	279·0	2nd	294·9	*294·9*	- 1·5	0	0
738	Sokoto	13 2	E. 5 14	353	..	..	..	306·8	311·9	29th	284·6	280·8	7th	295·7	*295·5*	- 3·7	0	0
739	Kaduna Capital	10 32	7 25	7637	..	..	..	304·9	307·4	23rd	..	..	..	..	‡*297·3*	0·0	0	- 1
740	Maidjaja	12 40	10 5	?	..	..	..	304·1	308·0	27th	..	..	..	..	..	- 3·4	0	0
741	Maiduguri	11 47	13 11	361	..	..	..	306·3	311·3	12th	288·3	284·7	7th	297·3	*297·2*	- 1·4	0	0
743	El Fasher	13 32	25 18	730	928·6	1010·3	..	306·6	311·5	1st	285·2	280·5	26th,27th	295·9	*294·2*	+ 1·3	0	0
744	♯El Obeid	13 11	30 14	563	947·9	1011·6	+ 1·1	305·9	312·9	2nd	287·1	281·7	27th	296·5	*295·4*	+ 1·1	0	0
745	Khartoum	15 37	32 33	390	967·4	1011·1	- 0·2	305·5	312·5	6th	290·0	283·9	26th	297·8	*297·7*	+ 0·8	0	0
746	Port Sudan	19 37	37 13	5·5	1013·8	1014·4	+ 0·6	300·6	303·4	13th	293·4	289·4	29th	297·0	*296·8*	+ 1·0	0	0
747	Berbera, Somaliland	10 22	45 2	13·8	1012·5	1014·2	- 0·3	301·4	301·9	sev.dates	293·5	291·3	3rd	297·4	*297·7*	- 0·8	1	- 4
748	Aden	12 45	45 3	28·7	1012·0	1015·4	0·0	301·6	303·8	23rd	295·8	293·5	22nd	298·7	*298·1*	+ 0·6	0	- 5
750	Bombay	18 54	72 49	11·3	1012·9	1014·2	- 0·3	301·0	305·4	28th	292·6	288·5	4th	296·8	295·9	- 0·5	0	- 2
750a	Kodaikanal	10 14	77 28	2343	772·9	..	+ 0·6	290·6	293·7	15th	281·9	279·8	15th	286·3	*285·8*	- 0·1	161	+125
751	Bangalore	12 59	77 38	921	913·1	1014·3	+ 0·5	303·5	305·4	19th	290·0	286·9	13th	296·7	*296·4*	+ 1·2	20	+16
752	Madras	13 4	80 14	6·7	1013·9	1014·7	+ 0·3	303·4	305·7	18th	294·2	291·3	29th	298·8	*298·3*	+ 0·6	28	+20
753	Vizagapatam	17 42	83 19	11·6	1013·7	1015·1	+ 0·4	301·5	303·3	18th	295·2	290·9	3rd	298·3	*297·8*	0·0	22	0
754	Port Blair	11 40	92 40	18·0	1010·6	1012·6	- 0·5	303·1	304·1	17th	297·3	294·9	13th	300·2	*299·7*	0·0	68	+45
755	Rangoon	16 46	96 48	5·5	1012·8	1013·5	0·0	306·7	310·3	1st	293·6	290·4	12th	300·1	*298·9*	+ 0·8	5	- 1
756	Cap St. Jacques	10 20	107 5	180	..	..	..	301·0	303·9	28th	295·9	294·3	9th	298·5	*298·1*	+ 0·3	2	0
757	Khatrang	12 15	109 12	3·6	..	1013·6	..	300·9	303·8	12th	294·9	292·6	5th	297·9	*297·5*	+ 0·3	51	+23
758	Bolinao	16 23	119 53	2	..	1011·2	- 0·4	304·7	309·5	29th	294·4	291·5	10th	299·5	*298·9*	- 0·1	0	- 9
759	Vigan	17 34	120 23	12·2	..	1011·5	- 0·5	304·4	308·1	12th	296·4	293·3	7th	300·4	299·8	+ 1·1	0	- 6
760	Manila	14 35	120 59	14·2	..	1012·3	0·0	304·3	307·0	6th	295·3	293·2	23rd	299·8	298·9	+ 0·6	41	+30
761	Ormoc	11 0	124 36	5·6	..	1009·5	- 0·8	304·1	306·8	6th	295·6	293·4	2nd	299·9	*299·3*	+ 0·9	254	+134
762	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·9	- 0·2	302·7	303·4	23rd	297·6	296·6	6th	300·1	*300·2*	+ 1·1	60	- 7
763	Saipan	15 14	145 46	207	988·8	1009·1	..	300·4	301·3	14th,28th	295·3	293·7	16th	297·9	297·6	..	139	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110.
♯Change of normals, see page 111.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·8	1011·4	+ 0·8	303·4	306·3	26th	..	..	..	..	‡*300·7*	- 0·1	419	+338
821	Cristobal	9 23	79 23	11·0	..	1011·8	- 0·5	303·9	304·7	26th	297·9	296·3	12th	300·9	300·3	+ 1·3	18	-30
822	Bogota	4 36	74 5	2645	746·2	..	..	293·0	296·3	17th	283·2	281·0	18th	288·1	287·4	..	76	+ 1
822a	∮Merida, Venez.	8 36	71 9	1641	‡ 842·0	..	0·0	296·6	298·5	21st,23rd	287·4	285·5	18th	292·0	*291·0*	+ 0·1	44	+ 1
823	Ciudad Bolivar	8 9	63 33	38	1008·2	1012·5	..	303·5	305·0	29th	295·7	294·2	23rd	299·6	*299·1*	- 0·3	87	-10
824	El Peru, Guayanavieja	7 19	61 49	220	986·1	1011·1	- 0·1	301·1	302·2	21st	293·9	292·5	8th	297·5	*297·0*	+ 0·2	..	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·5	- 0·8	301·9	302·4	sev.dates	297·4	295·2	29th	299·6	*299·2*	+ 0·5	142	+56
826	Paramaribo	5 49	55 9	3·7	..	1012·4	- 0·8	303·7	304·7	sev.dates	296·2	294·6	15th,16th	299·9	*299·2*	+ 1·1	161	+75
826a	Cayenne	4 56	52 21	6	..	..	..	301·6	303·0	24th	297·4	296·0	6th	299·5	*298·6*	+ 0·2	275	+189
831	10°-5°N. 30°-25°W.	†† 7 4	††27 4	§(105-115)	..	1013·8	+ 1·5	..	..	Sea Temp. 298·2|-0·2	..	..	..	..	298·0	- 0·2	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	0	- 3
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·2	1012·0	+ 1·2	304·4	305·8	10th	295·6	293·0	3rd	300·0	*299·3*	- 0·9	110	-34
835	Assuantsi	5 18	1 15	101	..	..	..	305·3	307·4	14th	291·0	286·3	20th	298·1	..	- 1·4	14	-11
836	Accra	5 33	W. 0 12	16·0	1008·7	1010·5	+ 0·9	304·2	307·3	12th	295·5	289·9	5th	299·8	*299·2*	- 0·5	..	..
837	Lagos	6 27	E. 3 24	3·0	1008·7	1009·0	- 0·7	304·1	306·3	8th	297·6	294·1	4th	300·9	*300·0*	- 0·2	56	- 4
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	43	- 9
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	0	- 3
841	Wau	7 42	28 3	440	..	..	..	308·7	311·9	8th,26th	292·7	288·6	3,11,19	300·7	*300·6*	- 1·2	0	- 3
					..	..	..	..	..	..	?293·2	?289·9	27th	..	*?300·5*	+ 0·8		
843	∮Malakal (Kodok)	9 35	31 37	394	964·7	1008·2	+ 0·3	310·7	313·9	7th	294·1	290·2	27th	302·4	*301·2*	+ 1·4	0	- 4
843a	∮Mongalla	5 11	31 47	448	957·0	1006·3	- 1·3	312·3	314·6	22nd	296·3	292·3	27th	304·3	*302·9*	+ 2·0	57	+ 1
844	Entebbe	0 5	32 29	1171	883·4	1008·9	+ 0·3	301·3	304·7	26th	290·7	288·6	18th	296·0	*295·5*	+ 1·0	0	- 4
845	Sheikh	9 55	45 15	1463	..	..	..	296·1	299·7	22nd,23rd	281·7	277·4	sev.dates	288·9	..	..	..	..
851	Minicoy	8 17	72 49	2·1	1012·6	1012·8	- 0·1	303·5	304·4	28th	297·4	295·6	12th	300·4	*299·9*	..	67	- 4
851a	Cochin	9 58	76 21	2·7	1012·9	1013·4	+ 0·2	303·5	304·9	21st	297·2	294·9	3rd	300·3	*299·8*	- 0·5	163	+ 6
852	∮Colombo Observatory	6 54	79 52	7·3	..	1011·5	+ 0·8	303·6	305·9	24th	294·3	291·8	27th	298·9	*298·4*	- 0·3	71	- 4
853	∮Nuwara Eliya	6 58	80 46	1886	..	..	..	294·7	297·6	22nd	278·8	272·6	20th	286·7	*285·7*	+ 0·1	115	+ 4
854	∮Trincomalee	8 35	81 15	30·2	..	1011·8	+ 0·5	303·3	302·2	23rd	297·4	294·3	16th	300·3	*299·8*	+ 1·3	171	+ 9
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	- 1·4	..	..	..	..	..	..	..	..	..	70	- 4
856	Medan	3 35	98 41	25·0	..	1010·4	- 0·2	303·8	307·3	26th	295·0	292·0	10th	299·4	298·9	+ 0·5	154	+ 5
857	Penang	5 34	100 20	5·0	..	..	..	307·4	309·4	13th	295·9	295·2	28th	301·7	*300·9*	+ 1·0	330	+181
858	Singapore	1 18	103 51	10·9	1009·2	1010·4	0·0	303·3	305·2	10th	295·9	294·4	10th	299·6	*299·1*	- 0·2	749	+600
859	Sandakan	5 50	118 7	31·7	..	..	..	303·8	304·7	7,11,14	297·2	295·8	25th,26th	300·4	*299·7*	+ 0·6	77	- 71
860	Iwahig	9 44	118 38	14·3	..	1009·4	- 0·3	304·0	305·9	7th	295·1	292·9	3rd,6th	299·5	*299·4*	+ 0·8	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1009·4	- 0·9	303·0	306·7	8th	295·9	294·1	2nd	299·5	298·8	+ 0·1	226	+ 31
861a	Menado	1 30	124 50	8·5	..	1008·9	- 0·9	302·4	304·4	27th	296·5	294·0	5th	299·5	299·0	+ 0·3	492	+297
862	Surigao	9 48	125 29	6·0	..	1010·0	- 0·5	301·5	304·0	28th	296·7	295·2	6th	299·1	298·8	+ 0·3	1021	+826
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·5	+ 0·3	302·1	303·5	9th	298·4	296·8	3rd	300·3	300·1	+ 0·7	121	- 74
864	Palau	7 20	134 29	31·8	1005·8	1009·4	..	302·6	304·4	11th	297·3	294·6	16th	299·9	299·7	..	414	+ 219
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·7	..	302·3	304·2	7th	297·9	295·0	7th	300·1	300·0	..	346	+ 151

FEBRUARY - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		S.	W.															
902	Atafu	8 32	172 31	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	302·2	305·3	3rd	295·3	294·0	19th,20th	298·8	*298·5*	..	452	+ 87
926	∮Taperinha	2 30	54 20	21·5	1008·7	1011·1	- 0·3	303·6	305·7	18th	296·2	295·2	27th	299·9	*299·0*	+ 1·0	223	+ 70
927	Turyassu	1 43	45 26	9·1	1009·5	1010·6	- 0·2	304·8	307·6	3rd,6th	296·2	293·7	11th	300·5	*299·2*	+ 1·2	170	+ 70
928	Barra do Corda	5 30	45 16	81·0	999·8	1009·1	- 0·8	304·4	307·5	5th	295·3	293·5	11th	299·8	*298·6*	+ 0·6	11	- 74
929	∮Quixeramobim	5 16	39 15	207	988·2	1011·4	+ 0·2	306·4	307·6	17th	299·0	297·8	28th	302·7	*302·3*	+ 1·8	53	- 89
930	Fernando Noronha	3 50	32 25	106	999·8	1011·6	0·0	301·0	302·1	15th	297·6	295·6	28th	299·3	*299·2*	+ 0·1	..	..
930a	5°-10°S. 35°-30°W.	†† 7 13	††33 2	§(30)	..	1013·2	..	..	..	Sea Temp. 300·6|+0·5	..	..	..	..	300·2	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1012·0	1013·8	+ 0·3	303·1	304·7	22nd	296·9	295·2	1st	300·0	*299·2*	0·0	6	- 3
939	Loanda	8 49	E. 13 13	51	..	1011·0	+ 0·2	301·4	302·5	21st	297·0	295·2	29th	299·2	298·9	+ 0·1	34	- 4
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	303·6	310·2	22nd,25th	..	..	..	..	..	..	33	- 4
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	303·6	305·2	10,17,26	284·7	282·4	1st,10th	294·1	..	..	16	- 21
944a	Zanzibar	6 10	39 11	17·1	1010·4	1012·4	- 0·2	304·4	306·2	19th	300·3	298·4	25th	302·4	*302·9*	+ 0·8	87	- 27
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	303·0	6,7,19	298·0	294·1	4th	300·2	*299·8*	- 0·2	0	- 4
947	Seychelles, Port Office	4 37	55 27	4·6	1010·6	1011·1	- 0·3	302·3	304·3	28th	297·7	296·3	4th,5th	300·0	*299·3*	+ 0·1	374	+ 230
957	Padang	0 56	100 22	6·7	..	1010·9	+ 0·3	303·4	305·0	17th	296·4	295·2	1st	299·9	299·5	0·0	293	- 4
958	Batavia	6 11	106 50	8·0	1008·6	1009·5	- 0·5	302·9	305·8	23rd	296·9	295·9	11th	299·9	299·3	+ 0·8	165	- 124
958a	Pontianak	0 1	109 20	2·6	..	1009·0	- 1·1	304·5	306·5	13th	297·5	296·4	2nd	301·0	300·2	+ 0·8	316	+ 27
959	Pasuruan	7 38	112 55	5·0	..	1008·9	- 0·4	304·6	307·4	29th	297·8	296·7	23rd	301·1	300·2	+ 0·9	218	- 71
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	412	+ 123
962	Amboina	3 42	128 10	4·2	..	1007·2	- 1·6	303·6	305·2	7th	297·9	296·9	14th	300·7	300·3	+ 0·4	186	- 4
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	156	- 34
965	Daru	9 4	143 13	7·6	..	1007·7	- 1·3	303·6	..	..	296 9	..	..	..	..	..	156	- 34
966	Port Moresby	9 29	147 9	38·4	..	1006·7	- 2·1	304·1	..	..	298·1	..	..	300·2	*299·7*	- 0·2	142	- 48
967	Rabaul	4 9	152 12	12·5	1006·4	1007·9	0·0	306·1	308·2	8th	296·4	295·6	15th	301·3	*300·7*	+ 0·8	169	- 21
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	304·8	306·3	3rd,6th	298·0	296·8	13th	301·4	*301·1*	+ 0·6	..	..
970	Ocean Island	0 52 S.	169 35 E.	42·6	1003·8	1008·6	- 1·2	304·3	306·9	25th	298·9	297·4	1,17,27	301·6	*301·0*	+ 0·7	255	+ 114

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See 'Remarks' pages 111 and 112.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see page 112.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·5	+ 1·2	303·0	304·5	28th	297·6	296·6	23rd	300·3	300·2	+ 0·6	552	+164
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1012·1	+ 2·2	302·5	305·8	6th	296·9	293·6	13th	299·2	*298·9*	- 0·7	125	-129
1021	Lima	12 5	77 3	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Tacna	18 0	70 18	560	..	..	..	304·2	305·3	10th	288·4	284·0	1st,17th	296·3	*294·6*	- 0·9	0	- 1
1082	Corumba	18 59	57 39	116	996·0	1009·1	+ 1·6	305·3	311·6	2nd	295·2	292·8	1st,11th	300·2	*299·7*	- 0·3	213	+82
1083	Cuyaba	15 36	56 6	165	991·0	1009·6	+ 0·6	305·7	308·9	16th	295·5	291·8	1st	300·6	*299·2*	+ 0·5	208	- 3
1084	Bello Horizonte	19 55	43 57	895	914·4	1011·8	+ 0·5	302·3	304·8	13th	291·8	288·8	14th	297·0	*296·5*	+ 1·3	151	-74
1085	Castite	14 3	42 37	897	915·9	1014·0	+ 1·4	301·9	303·7	5th,24th	290·1	288·6	2nd	296·0	*296·0*	+ 0·3	11	-89
1090	Ondina (Bahia)	13 0	38 31	46·8	1007·8	1013·1	+ 0·7	302·4	303·6	3rd,9th	296·3	295·0	27th	299·4	*299·1*	0·0	145	+31
	Aracaju	10 55	37 3	6·1	1013·5	1014·3	+ 1·0	303·0	303·6	28th	297·2	295·0	5th	300·1	*299·8*	..	10	- 5
1092a	15°-20°S. 40°-35°W.	†† 17 28	†† 38 16	§(34)	..	1015·4	..	..	..	Sea Temp. 299·7|-0·3	..	..	..	..	299·8	..	..	..
1092b	10°-15°S. 40°-35°W.	†† 12 54	†† 36 34	§(32)	..	1015·8	..	..	..	..	..	..	..	..	300·1	..	..	..
1095	St. Helena	15 57	W. 5 40	579	947·5	1013·9	+ 1·6	293·9	295·2	8,15,25	289·3	288·0	3rd	291·6	*291·3*	- 0·2	50	..
1099	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1141	Livingstone	17 51	25 51	972	904·9	1009·0	..	306·8	311·1	27th	292·6	288·9	18th	299·7	..	..	35	..
1141a	Elisabethville	11 39	27 28	1236	876·8	1009·0	+ 1·3	..	..	..	..	..	..	..	..	..	222	- 21
1142	Gwelo	19 26	30 2	1411	..	..	..	305·9	310·8	27th	287·8	283·0	21st	296·8	..	+ 2·6	22	-114
1143	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·9	1010·7	+ 0·8	301·1	305·2	27th	287·2	282·7	20th	294·1	293·3	+ 0·5	89	-84
1144	Zomba	15 23	35 18	955	905·9	1009·8	+ 0·7	302·1	306·3	27th	290·2	286·9	22nd	296·1	*296·3*	+ 0·9	87	-184
1145	Mossuril	14 57	40 40	15	..	1010·0	..	305·9	309·0	27th	296·7	294·4	25th	301·3	300·7	..	67	..
1146	Antananarivo	18 55	47 33	1375	861·8	1008·1	- 0·6	298·9	302·2	5th	289·2	288·3	4th	294·0	293·5	+ 0·6	336	+48
1056	Cocos, Keeling Is.	12 5	96 53	4·6	1011·8	1012·5	+ 0·6	303·8	306·1	24th	298·8	295·0	26th	301·3	*300·9*	+ 0·6	73	-116
1057	Christmas Island	10 25	105 43	5·5	1006·9	1007·6	+ 0·1	303·6	305·8	24,26,28	297·4	295·8	14th,16th	300·5	*299·9*	+ 0·1	369	+70
1058	Kupang	10 10	123 34	45·1	..	1009·2	+ 0·4	303·7	305·2	28th	297·1	295·3	5th	300·4	300·0	+ 0·6	337	-30
1058a	∮Derby	17 18	123 40	16·2	1005·3	1007·1	- 0·5	308·8	314·4	25th	299·7	296·9	9th	304·2	..	+ 1·0	90	-61
1061	∮Darwin	12 28	130 51	29·6	1002·4	1005·8	- 0·5	305·8	308·6	24th	299·1	296·1	27th	302·4	*301·4*	+ 0·8	287	-39
1062	∮Daly Waters	16 16	133 23	211	981·2	1004·4	- 1·1	311·4	314·7	25th	299·2	294·7	2nd	305·3	*304·9*	+ 2·6	73	-86
1063	∮Georgetown, Queensland	18 15	142 50	122	991·4	1005·5	- 1·2	304·9	307·4	1st,3rd	296·3	294·6	2nd	300·8	..	+ 0·7	522	+245
1063a	Willis Island	16 18	149 59	8·5	971·9	1005·9	- 2·1	309·9	313·0	25,26,28	297·9	294·1	21st	303·9	..	+ 3·0	171	-23
1067	Samarai	10 37	150 40	6·1	..	1006·7	- 1·3	305·3	..	..	298·2	..	..	301·8	*301·5*	+ 1·0	106	-99
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1009·1	1009·8	+ 2·1	302·8	305·8	27th	296·8	294·7	4th	299·8	*299·5*	0·0	327	+55

FEBRUARY - ZONE 11 (AMERICA, AFRICA). BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		S.	W.															
1101	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	302·1	303·6	6th,29th	293·8	290·2	24th	297·9	*297·6*	- 1·2	98	-159
1161	Punta Tortuga, Coquimbo	29 56	71 21	27	1011·9	1015·1	+ 0·7	293·6	295·0	sev. dates	288·7	287·3	15th	291·1	*290·8*	+ 0·7	0	0
1162	Iquique	20 12	70 11	6	1012·6	1013·3	0·0	296·6	299·1	17th	..	..	..	..	*292·0*	- 1·0	0	0
1163	Catamarca	28 27	65 47	510	952·0	1008·9	+ 1·4	303·5	313·9	15th	290·2	285·0	9th	296·8	*296·0*	- 2·8	64	+ 7
1164	Salta	24 46	65 28	1182	881·3	1008·7	+ 0·5	299·7	307·7	15th	288·2	283·6	10th	293·9	293·7	- 0·9	48	-98
1165	Goya	29 9	59 15	37	1008·0	1012·3	+ 2·3	303·5	311·4	15th	292·1	285·3	24th	297·8	*296·9*	- 1·4	161	+50
1167	Asuncion	25 17	57 41	93	1001·2	1011·7	+ 2·3	308·3	313·7	16th	295·2	288·3	24th	301·8	*300·8*	+ 1·0	76	-49
1168	Curityba	25 25	49 17	908	913·2	1013·1	+ 0·8	299·3	303·7	16th	290·5	288·1	25th	294·9	*293·6*	+ 0·5	143	- 5
1168a	Rio de Janeiro	22 54	43 10	18·3	1010·3	1012·4	+ 0·7	303·2	308·0	3rd	296·2	293·8	26th	299·7	299·3	+ 0·7	175	+61
1135	26°-30°S. 50°-45°W.	†† 27 48	†† 48 02 W.	§(34)	..	1014·3	..	..	..	Sea Temp. 298·5|+0·3	..	..	..	..	297·6	..	..	..
1136	Windhoek	22 34	E. 17 6	1727	830·2	1009·0	..	302·8	306·0	18th	289·8	285·8	4th	296·3	*295·4*	+ 1·2	39	-42
1141	O'Okiep	29 36	17 52	933	910·1	1011·7	+ 0·6	303·7	310·2	29th	289·5	280·9	27th	296·6	*296·2*	+ 0·6	1	- 7
1142	Kimberley	28 42	24 47	1202	882·0	1010·8	+ 1·0	304·3	309·7	1st	288·7	280·5	28th	296·6	295·8	- 0·5	31	-36
1143	Johannesburg	26 11	28 4	1806	824·2	1013·9	+ 0·9	297·1	300·9	2nd	286·0	280·7	20th	291·6	*291·1*	- 0·1	144	+11
1144	Bulawayo	20 9	28 36	1349	868·2	1011·9	+ 1·0	302·4	308·4	27th	288·4	284·3	3rd	295·4	*294·9*	+ 1·1	23	-78
1145	Durban	29 52	31 3	15·2	1014·1	1015·9	+ 0·2	300·3	304·6	6th	293·8	290·6	28th	297·1	*296·6*	- 0·5	138	+13
1144	Lourenço Marques	25 58	32 36	59·0	..	1014·6	+ 1·5	303·7	310·9	8th	293·7	291·1	21st	298·7	298·0	- 0·3	7	-163
1147	Mauritius	20 6	57 33	55·2	1004·1	1010·4	- 0·6	302·6	305·6	1st,2nd	296·5	295·1	14th	299·5	299·3	+ 0·5	366	+153
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see page 113.

FEBRUARY - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1004·3	1004·7	- 1·9	308·3	318·9	29th	295·7	290·8	14th	302·0	..	- 0·8	1	-25
1160	∮Cue	27 27	117 52	454	960·2	1010·1	+ 1·9	307·9	315·6	28th	293·8	288·3	14th	300·9	..	- 1·7	28	+ 1
1161	∮Nullagine	21 53	120 5	386	964·7	1008·8	+ 0·6	310·6	314·6	28th,29th	294·6	289·1	25th	302·6	..	- 1·4	66	-32
1162	∮Laverton	28 40	122 23	466	960·2	1011·8	+ 1·0	307·3	316·3	29th	291·7	285·7	17th	299·5	*299·3*	- 1·0	3	-52
1163	∮Alice Springs	23 38	133 37	587	943·3	1007·3	- 0·1	308·1	315·2	10th	294·1	288·4	22nd	301·1	*301·3*	+ 0·2	17	-40
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	988·0	1004·5	- 1·8	311·3	315·7	5th	298·5	294·0	14th	304·9	*305·1*	+ 1·2	1	-26
1165	∮Thargomindah	27 58	143 43	123	993·4	1007·2	- 1·6	308·2	314·8	4th	296·5	292·0	14th	302·3	*302·0*	- 0·2	26	-46
1166	∮Mitchell	26 32	147 52	336	971·2	1008·3	- 1·7	304·7	309·1	12th	293·8	290·4	26th	299·2	..	+ 0·2	141	+85
1167	∮Rockhampton	23 24	150 30	11·3	1006·8	1008·2	- 2·0	302·9	307·4	13th	295·8	293·0	26th	299·3	..	- 0·4	457	+267
1168	∮Brisbane	27 28	153 2	41·8	1007·8	1012·2	- 0·4	300·6	303·3	2nd	294·3	292·4	27th	297·4	*296·7*	- 0·3	409	+198
1169	Norfolk Island	29 4 S.	167 59 E.	14·9	1016·3	1018·1	+ 4·8	297·1	303·3	28th	293·3	290·8	29th	295·2	*294·9*	0·0	41	-36

FEBRUARY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 50 W.	345	977·0	1017·5	..	292·6	297·3	..	287·0	285·2	27th	289·8	*288·7*	..	58	..
1221a	Punta Tumbes	36 37	73 6	120	..	..	..	..	..	17th	..	..	..	..	..	..	15	+ 6
1222	∮Punta Angeles, Valparaiso	33 1	71 36	41	1010·2	1015·0	+ 0·8	295·2	299·2	29th	287·7	286·0	14th	291·5	291·2	+ 1·0	0	-14
1222a	∮Santiago	32 27	70 42	520	953·9	1013·1	+ 0·9	300·5	306·0	22nd	284·6	281·6	15th	292·5	*291·5*	- 0·3	1	-14
1223	Cordoba	31 25	64 12	423	963·4	1011·4	+ 1·3	301·8	311·3	14th	288·3	280·1	10th	295·1	294·4	- 1·1	172	+102
1224	Bahia Blanca	38 45	62 15	25	1010·5	1013·4	+ 0·9	302·4	309·0	15th	286·1	277·3	9th	294·2	*294·0*	- 1·1	14	-26
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1010·9	1013·8	+ 1·1	298·7	305·1	14th	287·4	280·7	23rd	293·0	293·0	- 2·5	97	-20
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1013·3	+ 1·2	..	303·0	13th	..	283·6	10th	..	*292·4*	- 3·2	109	-10
1226a	Porto Alegre	30 2	51 13	23·5	1010·3	1013·0	+ 0·4	301·3	309·6	15th	292·5	287·0	25th	296·9	296·5	- 1·1	101	+47
1226b	30°-35°S. 55°-50°W.	††32 51	††51 43	§(33)	..	1013·9	..	..	..	Sea Temp. 294·7|-0·8	..	..	..	..	294·5	..	..	..
1239	Cape Town	33 56	W. 18 29	12·2	1014·5	1015·9	+ 2·9	300·1	309·6	22nd	289·6	281·3	28th	294·8	*293·3*	+ 0·5	11	-31
1240	Danger Point	34 37	19 18	27·7	1014·7	1018·0	+ 5·0	295·7	298·0	1,19,20	288·7	280·2	28th	292·2	..	+ 0·4	7	-35
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·3	311·9	22nd	287·8	279·1	28th	294·6	..	- 0·5	13	-29
1242	East London	33 2	27 55	44·8	1010·5	1015·7	+ 1·7	298·2	300·9	29th	290·5	285·2	28th	294·3	..	+ 0·1	55	-10
1259	∮Perth (Observatory)	31 57	115 51	60·0	1007·6	1014·6	+ 1·3	302·1	310·1	23rd	289·4	285·1	12th	295·7	*295·1*	- 0·6	0	-14
1260	∮Katanning	33 42	117 35	310	980·2	1015·7	+ 1·6	302·1	309·8	23rd	285·3	281·3	3rd	293·7	..	- 0·6	0	-14
1261	∮Coolgardie	30 57	121 10	423	966·0	1013·6	+ 1·2	304·7	317·9	29th	287·4	284·1	12th	296·1	*295·9*	- 1·5	20	+ 5
1262	Eucla	31 45	128 58	4·8	..	..	..	..	..	..	..	..	..	..	..	..	12	+ 4
1263	∮Streaky Bay	32 48	134 13	13·1	1013·9	1015·3	+ 1·0	300·3	311·3	9th	287·1	283·0	5th,23rd	293·7	*292·9*	- 2·0	64	-10
1264	∮Adelaide	34 56	138 35	42·7	1009·7	1014·6	+ 0·4	300·7	312·2	9th	288·3	282·9	5th	294·5	*294·0*	- 1·9	116	+49
1265	∮Melbourne	37 49	144 58	35·1	1010·2	1014·4	- 0·1	298·4	309·9	11th	288·8	283·2	5th	293·6	*293·2*	+ 0·8	96	+39
1266	∮Bourke	30 13	145 58	110	999·3	1012·1	- 0·5	306·7	313·0	12th	294·8	290·2	5th	300·9	..	- 0·6	..	..
1267	∮Sydney	33 51	151 13	42·1	1008·5	1013·4	- 0·5	298·8	302·7	10th	292·8	288·8	22nd	295·8	*295·4*	+ 0·9	178	+70
1268	Lord Howe Island	31 20	159 0	4·9	1015·9	1016·6	+ 2·0	298·7	300·8	21st	294·1	289·6	29th	296·4	..	+ 0·7	65	-43
1271	Auckland	36 50	174 50	**13·4	..	1019·1	+ 3·9	298·0	302·4	12th	290·3	281·9	29th	294·1	..	+ 1·7	41	-76
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	296·1	303·3	11th	288·7	281·6	29th	292·4	..	+ 1·2	79	-39

FEBRUARY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 57	W. 176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	1000·8	1017·7	+ 1·5	286·5	290·4	18th	281·8	279·0	15th	284·1	*284·7*	- 0·9	70	-10
1322	Punta Galera	40 1	73 44	40	1011·1	1015·9	- 0·3	288·1	292·4	19th	283·0	280·9	28th	285·5	*285·8*	- 0·9	65	-15
1323	Sarmiento	45 34	69 0	272	979·9	1011·8	+ 2·7	296·9	305·7	20th	282·7	277·5	22nd	289·8	289·7	- 0·3	4	-76
1324	Puerto Madryn	42 49	W. 64 58	14	1010·6	1012·7	+ 2·7	297·0	306·6	20th	282·6	274·7	9th	289·8	290·3	- 2·0	3	-77
1365	∮Launceston	41 27	E.147 10	10·1	1012·6	1013·8	- 0·5	298·8	302·5	15th	285·9	280·9	23rd	291·3	*290·0*	0·0	60	-31
1366	∮Hobart	42 53	147 20	53·9	1008·4	1014·9	+ 1·9	294·2	303·1	15th	285·3	281·2	28th	289·8	*288·5*	- 0·1	33	-58
1370	Invercargill	46 25	168 21	3·7	..	..	..	293·9	303·0	14th	284·1	274·7	28th	289·0	..	+ 2·1	47	-41
1371	Dunedin	45 52	170 31	8·1	..	1018·6	+ 5·9	293·4	301·3	17th	284·4	276·9	27th	288·9	..	+ 1·7	66	-21
1371a	Christchurch	43 31	172 39	7·6	..	1018·4	+ 4·9	294·9	306·5	17th	284·9	276·3	28th	289·9	..	+ 0·9	84	-3
1372	Wellington	41 16 S.	174 46 E.	128	..	1018·9	+ 3·9	294·7	299·2	5th	286·6	280·3	28th	290·6	..	+ 0·6	91	-8

FEBRUARY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	S. 52 24	W. 75 6	55	1001·4	1008·1	+ 5·3	282·6	283·6	19th	278·9	277·0	28th	280·7	*281·4*	- 0·3	165	+101
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1001·4	1004·8	+ 4·1	287·1	291·7	20th	279·3	275·4	15th	283·5	*283·4*	- 0·3	3	-61
1423	Punta Dungeness	52 24	68 26	5	1003·0	1003·6	+ 3·5	..	..	..	280·4	277·6	14th	..	*283·7*	- 1·0	11	-53
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	..	..	..	..	..	1	-63
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·8	- 0·1	285·7	289·1	27th	278·8	271·9	6th	281·3	..	- 1·1	37	-14
1426	Cape Pembroke	51 41	57 42	21·3	998·6	1001·2	- 0·1	284·2	287·4	11,20,27	278·1	274·7	5,6,16	281·1	281·3	- 1·3	46	-14
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	991·6	992·1	- 3·7	281·8	288·7	21st	274·7	271·2	18th	278·3	*278·3*	- 0·1	..	..

FEBRUARY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	7	985·2	986·0	- 5·6	274·5	278·8	21st	270·2	266·4	6th	272·4	272·9	- 0·4	59	-10
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.
**Height changed from 15·2m. to 13·4m. from February 1st.

RÉSEAU MONDIAL, MARCH 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH, 1928 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

MARCH - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	7·0	..	1028·1	+ 7·7	249·4	259·1	1st	237·5	228·0	19th	243·5	..	- 2·6	0	- 3
125	Upernivik	72 47	56 7	19·2	1008·3	1008·8	- 3·6	265·7	280·2	12th	256·7	244·0	19th,20th	261·2	*260·7*	+ 9·0	21	+ 4
131	Myggbukta	73 30	21 30	3·2	..	1021·4	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1015·0	1017·2	..	263·4	276·0	13th	255·2	247·0	19th	259·3	*259·4*	..	8	..
135	Jan Mayen	70 59	W. 8 18	23·1	1010·5	1013·4	+ 3·0	..	275·2	9th	266·7	255·3	19th	..	*269·4*	+ 0·7	61	+27
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1009·7	1011·1	+ 1·6	..	273·9	2nd	252·1	238·0	19th	..	256·4	+ 2·0	54	+26
141	Björnöen	74 28	19 17	40·5	1005·3	1010·5	+ 4·5	..	275·6	3rd	262·8	250·9	19th	..	*266·3*	+ 1·7	58	+22
142	Ingøy	71 4	24 6	7·5	1011·3	1012·3	+ 5·4	..	279·6	18th	270·1	264·7	20th	..	*272·3*	+ 1·9	45	- 9
143	Slotnes	71 5	28 14	10·2	1011·4	1012·7	+ 6·4	..	278·8	22nd	268·5	263·9	28th	..	*271·4*	..	35	..
147	Vardö	70 22	31 8	11·8	1011·4	1012·9	+ 6·1	..	278·5	18th	268·5	262·9	20th	..	*270·8*	+ 2·5	28	-25
148	Malye Karmakouly	72 23	52 43	15·3	1008·2	1010·2	- 0·4	282·4	273·9	22nd	253·7	246·0	27th	258·0	*258·1*	+ 0·5	..	..
153	Malgatz	70 24	58 47	11·2	1009·1	1010·6	+ 1·1	..	..	..	249·6	240·3	9th	..	*254·7*	- 1·9	..	..
152	Dickson	73 31	80 23	13·0	1005·4	1007·2	- 3·3	..	..	..	242·1	235·3	23rd	..	*245·8*	- 4·0	1	- 3
	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

MARCH - ZONE 2.

201	Proobrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1015·0	1015·9	+ 3·7	259·9	274·7	1st	250·8	237·4	22nd	255·3	*255·6*	- 5·0	1	-22
204	Bethel	60 45	161 47	11·8	..	1011·8	..	261·7	277·4	1st	253·1	244·1	16th	257·4	..	..	4	..
205	Tanana	65 10	152 6	69·5	1005·9	1014·9	+ 0·4	260·0	275·2	1st	246·9	232·4	18th	253·4	*252·6*	- 5·2	15	- 2
206	Rampart	65 30	150 15	114	..	..	..	257·5	275·8	1st	247·4	234·1	19th	252·5	..	- 5·4	13	+ 1
207	Valdez	61 7	146 16	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..
208	Eagle	64 46	141 12	248	982·0	1014·9	0·0	260·2	271·9	1st,2nd	245·8	230·2	7th	253·0	*252·0*	- 6·8	15	+ 4
209	Dawson	64 4	139 29	324	971·0	1014·0	- 4·2	259·7	270·2	3rd	248·6	232·4	10th,11th	254·1	*254·4*	- 3·6	9	- 4
211	Mayo Landing	63 35	135 51	579	949·7	1024·2	..	?269·1	?278·6	27th	251·9	229·1	8th	?260·5	?*260·5*	..	12	..
212	∮Fort Good Hope	66 25	128 53	65·2	1007·5	1016·6	- 6·7	252·4	274·1	1st	240·8	230·2	4,8,11	246·6	..	- 3·2	13	- 5
213	Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	256·2	..	+ 0·9	9	- 3
	Hay River	60 51	115 20	161	995·6	1017·0	- 0·9	264·1	283·0	18th	251·3	231·3	4th	257·7	..	+ 2·3	21	+ 8
225	Jacobshavn	69 13	51 2	31·6	1000·8	1004·9	- 5·1	270·6	279·9	12th	263·9	250·8	20th	267·3	*267·8*	+11·0	8	- 4
227	Godthaab	64 10	51 43	20	..	..	..	273·0	280·8	11th	267·1	259·4	17th	270·1	*269·9*	+ 4·6	7	-38
228	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
231	Angmagsalik	65 37	37 33	29·3	1007·2	1010·9	+ 4·2	273·4	279·1	28th	266·9	253·5	20th	270·1	*270·3*	+ 4·6	84	+22
232	Stykkisholm	65 5	22 46	25	..	1009·8	+ 3·9	277·3	282·2	10th	271·6	265·4	18th	274·5	*274·3*	+ 3·6	37	-13
233a	Vestmanno	63 24	20 17	132	..	1007·4	+ 3·5	279·2	282·2	30th	275·3	269·7	18th	277·3	*277·1*	+ 3·3	92	-21
234	Grimsey	66.33	18 1	22·0	..	1010·7	+ 3·7	275·0	278·5	10th	271·2	264·4	16th	273·1	*272·8*	+ 3·1	4	-13
236	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
237	Teigarhorn	64 41	14 22	18·0	..	1010·4	+ 4·5	278·2	283·5	10th	272·3	268·4	6th,13th	275·3	*274·7*	+ 3·0	245	+164
238	Hjalvig	62 3	6 45	22·9	1008·8	1011·6	+ 4·9	280·0	283·8	18th,17th	276·4	271·8	7th	278·2	*278·3*	+ 2·3	63	-61
	Lerwick	60 8	W. 1 11	18·0	..	1011·9	+ 4·9	279·4	283·0	18th	277·0	274·1	8,10,13	278·2	*278·2*	+ 1·4	60	-20
236	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1011·3	1016·9	+ 7·5	280·2	289·3	24th	273·7	267·2	11th	276·9	*276·8*	+ 1·1	35	-86
239	Aalesund	62 28	6 10	6·3	1016·0	1016·8	+ 7·8	..	286·0	20th	274·1	267·9	12th	..	*276·7*	+ 1·2	27	-53
240	Trondhjem	63 26	10 25	59·2	1011·0	1018·5	+ 9·7	277·7	286·7	25th	269·6	258·9	10th	273·7	*274·1*	+ 1·9	21	-37
241	Bodö	67 17	14 2	22·3	1014·5	1017·3	+10·5	..	283·7	21st	271·5	265·6	7th	..	*274·0*	+ 2·6	54	- 4
242	Haparanda	65 50	24 9	9·2	1017·6	1018·8	+ 8·4	271·8	279·5	15th	263·6	247·5	10th	267·7	*267·8*	+ 2·9	21	- 5
242a	Helsingfors	60 10	24 57	11·7	1021·4	1022·9	+10·4	273·1	278·2	16th	266·7	258·3	15th	269·9	*270·1*	+1·0	14	-21
243	Kuopio	62 55	27 40	233	991·5	1021·3	+ 8·7	272·3	279·5	21st	264·5	254·4	14th	268·4	*268·7*	+ 1·6	16	-19
244	Kola	68 53	33 1	8·7	1013·8	1014·7	+ 8·4	272·4	278·0	19th	264·8	256·3	31st	268·6	*269·2*	+ 4·1	39	+28
245	Petrozavodsk	61 47	34 23	79·0	1010·7	1020·9	+ 8·1	272·6	281·7	22nd	263·8	248·8	4th	268·2	*268·4*	+ 1·0	12	-19
246	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Mezen	65 50	44 18	14·9	1014·7	1016·6	+ 5·9	268·1	279·4	22nd	258·9	246·8	3rd	263·5	*263·7*	+ 0·2	15	+ 6
248	Gust-Tsylma	65 25	52 18	68	1006·8	1015·8	+ 2·0	265·2	280·0	23rd	255·3	239·9	11th	260·2	*260·2*	- 1·9	3	-13
249	Tcherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Obdorsk	66 31	66 35	35·2	1010·0	1014·8	- 2·2	258·2	275·2	23rd	248·4	235·2	12th	253·3	*253·8*	- 1·5	4	- 4
252	New Port	67 42	72 57	3·3	..	..	..	254·4	271·9	24th	244·4	234·4	15th	249·4	*249·1*	..	5	..
253	Sourgout	61 15	73 24	48	1008·6	1015·1	- 3·4	..	..	..	..	..	..	..	*256·7*	- 3·2	18	+ 3
254	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Touroukhansk	65 47	87 57	45·0	1005·6	1011·7	- 4·6	..	..	..	..	..	..	..	*252·8*	- 3·5	20	+ 9
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1008·3	1023·0	+ 2·9	..	..	..	..	..	..	..	*251·6*	+ 1·1	4	- 1
264	Verkhoiansk	67 33	133 24	100	999·8	1013·7	- 3·8	..	..	..	..	..	..	..	*246·0*	+ 4·0	2	0
265	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
266	Nalakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	22·7	1022·8	1025·8	+ 6·5	..	..	..	..	..	..	..	*251·5*	- 2·3	2	- 4
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 105.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	276·2	279·1	23rd,30th	272·5	268·0	27th,28th	274·3	..	..	58	..
302	St. Paul Island	57 15	170 10	12·2	..	1013·9	+ 6·1	268·3	275·2	1st	263·7	254·1	27th	266·0	..	- 3·6	12	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1008·2	1008·8	+ 2·5	275·6	280·8	3rd	269·0	263·6	28th	272·3	*272·1*	- 1·6	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	276·0	280·8	25th	270·3	264·1	18th	273·1	..	..	58	..
305	Dillingham	59 0	158 28	24·4	..	..	..	267·7	275·8	1st	259·4	255·2	15th,16th	263·5	..	- 4·0	4	..
306	Kodiak (Radio)	57 47	152 22	4·6	999·3	1000·0	- 6·2	274·7	281·9	4th	268·8	259·7	27th	271·7	*271·7*	- 2·1	250	..
309	Sitka	57 3	135 19	19·8	..	..	..	280·2	284·7	18th,20th	270·7	262·4	7th	275·4	..	- 0·2	170	..
310	Prince Rupert	54 16	130 18	51·8	1000·7	1007·1	- 5·3	281·9	290·2	19th	274·1	269·7	3rd,4th	278·0	*278·0*	+ 1·5	227	..
311	Barkerville	53 2	121 35	127·4	861·8	1009·6	- 4·1	276·3	283·6	19th	266·9	257·4	1st	271·6	*271·6*	+ 2·1	92	..
312	‡Kamloops	50 41	120 29	385	968·9	1015·6	- 3·7	283·0	290·8	20th	272·9	263·1	1st	277·9	*278·1*	+ 1·5	7	..
313	Calgary	51 2	114 2	1058	890·2	1015·2	- 0·9	279·1	293·0	20th	265·8	256·3	15th	272·4	*271·9*	+ 3·1	32	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	268·0	283·0	18th	258·6	241·3	8th	263·3	*264·1*	+ 5·4	27	..
315	Prince Albert	53 10	105 38	437	962·5	1017·6	- 1·1	274·1	288·6	19th	261·3	243·0	5th	267·7	*267·1*	+ 4·6	10	..
316	Qu'Appelle	50 30	103 47	651	937·1	1018·1	- 1·6	272·4	291·9	22nd	261·3	248·6	5th	266·9	*266·7*	+ 2·7	33	..
317	Minnedosa	50 15	99 50	515	953·4	1018·3	- 1·0	271·6	287·4	22nd	259·9	244·9	5th	265·7	*265·8*	+ 2·1	29	..
318	Berens River	52 18	97 23	216	..	..	..	..	..	..	252·3	241·3	5th	..	..	..	17	..
318a	Port Nelson	57 0	92 51	14·9	1017·3	1019·3	+ 1·9	280·2	273·0	17,19,31	250·2	241·9	25th	255·2	..	+ 0·8	43	..
319	Pagwa	50 3	85 18	189	..	..	..	272·8	283·0	21st	256·2	241·3	26th	264·5	..	+ 3·4	70	..
320	Moose Factory	51 14	80 30	9·1	1010·8	1012·0	- 5·0	266·3	277·4	13th	253·6	244·1	27th	259·9	..	- 1·0	132	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	‡Natashquan	50 8	61 46	6·1	..	..	..	266·6	274·7	14,15,19	252·4	235·8	4th	259·5	..	- 3·8	107	..
326	Belle Isle	51 53	55 23	130	987·7	1004·7	- 5·4	269·5	278·0	16th	252·4	249·7	11th	264·7	..	+ 0·6	41	..
333a	62°-57°N. 20°-15°W.	††59 5	††17 56	§(37)	..	..	..	268·0	273·0	16th Sea Temp.	262·6	255·8	4,11,24	265·3	*265·4*	+ 0·1	..	..
334	Valentia Observatory	51 56	10 16	13·7	1003·4	1005·1	- 7·7	282·6	285·1	281·5[+0·3	..	..	..	..	280·4	..	..	..
335	Aberdeen	57 10	W. 2 6	26·0	1007·1	1010·3	+ 0·9	279·3	283·6	16th	277·5	269·0	13th	280·1	280·3	- 0·1	138	..
336	Greenwich	51 28	0 0	46·3	..	1009·6	- 3·7	284·2	293·0	27th	275·7	271·4	11th	277·5	*277·5*	+ 0·2	91	..
337	Uccle	50 48	E. 4 22	100	999·1	1011·4	- 3·2	284·4	291·2	4th	276·1	269·1	12th	280·2	*279·6*	+ 1·1	43	..
338	De Bilt	52 6	5 11	3·0	1011·9	1012·3	- 0·9	282·6	291·2	2nd	275·4	267·6	11th	279·0	279·0	+ 1·4	35	..
338a	Hamburg	53 33	9 58	40·3	1011·8	1016·8	+ 4·0	282·6	290·3	24th	272·6	266·9	12th,13th	277·6	*277·5*	- 0·1	84	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1019·5	1020·1	+ 7·8	281·5	290·3	23rd	272·3	267·3	12th	276·9	*276·2*	- 0·2	84	..
340	Potsdam	52 23	13 4	84·9	1006·7	1017·3	+ 4·0	277·6	282·8	24th	271·8	267·0	15th	274·7	*274·8*	+ 0·9	11	..
340a	Uppsala	59 51	17 38	24	1019·3	1022·3	+10·9	281·4	290·2	31st	270·9	265·2	16th	276·1	*275·6*	- 1·2	24	..
341	Warsaw	52 13	21 3	89·9	1011·4	1022·8	+ 7·6	274·9	279·5	23rd	266·0	252·1	9th	270·4	*270·3*	- 0·4	28	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1013·6	1024·0	+10·9	278·1	290·2	27th	268·2	258·1	13th	273·1	*272·8*	..	13	..
343	Leningrad	59 56	30 16	8·6	1022·1	1023·2	+10·3	273·7	282·1	28th	265·9	256·1	11th	269·8	269·9	+ 0·1	10	..
344	Kiiv	50 27	30 30	183	..	..	..	272·8	278·9	28th	265·1	253·2	11th	269·0	*268·7*	- 0·1	9	..
344a	Moscow	55 50	37 33	167	..	..	..	..	..	..	..	..	..	..	..	..	5	..
345	Saratov	51 32	46 2	127	1004·3	1026·0	+ 8·9	271·7	282·1	22nd	260·4	246·0	11th	266·0	*266·0*	..	17	..
346	Kazan	55 47	49 8	79·9	1009·4	1026·2	+ 6·7	267·1	273·9	28th	256·4	249·0	6th	262·8	*262·6*	- 3·9	4	..
347	Orenburg	51 45	55 6	109	1011·5	1026·1	+ 2·1	264·7	275·2	26th	254·5	244·1	4th	259·6	*259·9*	- 5·3	4	..
348	Perm	58 1	56 16	163	999·5	1020·8	+ 1·1	..	..	..	..	..	..	..	*263·0*	- 2·9	10	..
349	Sverdlovsk	56 50	60 38	281	982·7	1019·0	- 2·2	..	..	..	..	..	..	..	*263·6*	- 2·0	14	..
350	Tobolsk	58 12	68 14	108	1003·6	1017·8	- 2·5	..	..	..	..	..	..	..	*261·5*	- 2·5	13	..
351	Akmolinsk	51 12	71 23	347	980·8	1027·1	- 0·6	..	..	..	..	..	..	..	*255·5*	- 6·4	20	..
352	‡Omsk	55 1	73 19	108	1007·2	1021·7	- 2·3	..	..	..	..	..	..	..	*258·0*	- 3·2	1	..
353	Barnaoul	53 20	83 48	162	1005·8	1027·5	- 0·3	..	..	..	..	..	..	..	*258·5*	- 4·2	23	..
354	Tomsk	56 30	84 58	123	1006·6	1022·9	- 2·1	..	..	..	..	..	..	..	*259·5*	- 2·9	21	..
355	Minousinsk	53 43	91 41	249	993·6	1026·5	- 1·3	..	..	..	..	..	..	..	*259·5*	- 3·6	7	..
356	Eniseisk	58 27	92 10	81·2	1009·5	1020·3	- 2·8	..	..	..	..	..	..	..	*260·0*	- 2·4	16	..
257	Irkutsk	52 16	104 19	467	964·8	1024·8	- 2·5	..	..	..	..	..	..	..	*263·1*	+ 0·2	5	..
358	Kirensk	57 47	108 7	278	985·6	1022·3	- 1·6	..	..	..	..	..	..	..	*258·9*	- 1·2	3	..
359	Tchita	52 2	113 30	685	935·0	1022·4	- 1·6	..	..	..	..	..	..	..	*257·9*	- 1·9	7	..
360	Nertchinskii Zavod	51 19	119 37	621	944·7	1025·2	+ 2·0	..	..	..	..	..	..	..	*260·1*	- 0·9	6	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	*257·3*	- 1·9	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	999·5	1017·8	- 1·0	..	..	..	..	..	..	..	..	..	14	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	*265·4*	+ 1·8	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·8	1014·3	- 0·3	..	..	..	..	..	..	..	..	..	12	..
366	Okhotsk	59 21	143 17	6·0	1016·4	1017·2	+ 1·3	..	..	..	..	..	..	..	*263·6*	+ 3·6	11	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	998·2	1009·3	+ 2·1	..	..	..	..	..	..	..	*263·3*	+ 5·0	41	..
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	*269·4*	+ 3·8	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria,B.C.	48 24	123 19	70·1	1004·5	1013·1	- 2·6	284·5	292·4	19th	277·9	274·4	25th	281·2	*280·9*	+ 1·8	53	- 9
412	Portland, Oregon	45 32	122 41	46·6	1010·4	1015·9	- 1·3	287·2	297·4	19th	279·7	273·0	14th	283·4	*283·0*	+ 2·5	183	+61
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	281·2	296·9	21st	269·4	259·7	8th	275·3	*275·3*	+ 5·2	22	+ 5
414a	Salt Lake City	46 34	112 4	1253	871·4	1015·6	- 0·2	281·5	295·8	21st	270·7	257·4	1st	276·1	*275·9*	+ 3·2	13	- 7
415	Cheyenne	40 46	111 54	1329	867·3	1018·2	+ 0·9	285·2	295·8	21st	275·4	271·3	15th	280·3	*280·5*	+ 2·1	71	+19
415a	North Platte	41 8	104 48	1856	810·2	1016·2	+ 1·0	280·2	293·0	22nd	268·2	254·7	1st	274·2	*274·6*	+ 0·7	39	+16
417	Bismarck	41 8	100 45	860	915·3	1015·9	- 0·6	285·4	301·3	23rd	270·3	259·1	16th	277·9	*277·9*	+ 2·7	36	+15
418	Winnipeg	46 47	100 38	510	954·5	1016·6	- 1·3	279·2	296·3	22nd	266·8	256·9	4th	273·0	*272·9*	+ 4·5	8	-18
	Duluth	46 47	92 6	345	972·7	1015·6	- 2·4	274·3	290·8	24th	263·9	251·3	4th	269·1	*268·3*	+ 0·5	21	-19
419	Port Arthur	48 27	89 12	196	989·3	1014·3	- 3·0	273·6	287·4	24th	262·4	249·7	6th	268·0	*267·4*	+ 2·4	15	- 7
420	Chicago	41 47	87 35	205	990·0	1015·2	- 1·7	279·7	298·0	23rd	271·7	260·8	5th	275·7	*275·2*	+ 0·1	38	-28
422	Toronto	43 40	79 24	116	997·6	1012·2	- 5·4	276·1	293·9	24th	268·3	260·9	10th	272·2	*271·7*	+ 0·5	56	- 5
423	New York (Central Park)	40 47	73 58	47·4	1006·8	1012·7	- 3·7	280·7	293·6	25th	272·8	265·2	6th	276·8	278·5	+ 0·2	72	-23
424	St. John, N.B.	45 17	66 4	36·3	1004·0	1008·6	- 5·5	274·6	283·0	27th	267·1	256·9	4th	270·8	*270·7*	- 0·2	87	-28
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1004·6	1005·8	- 5·1	269·1	277·4	27th	263·0	252·4	9th	266·1	*268·9*	- 0·9	36	-10
	Sable Island (Main Station)	43 57	60 6	7·6	1008·4	1009·4	- 4·9	275·2	280·8	27th	270·2	264·7	4th	272·7	*272·7*	- 0·3	129	+16
425	Port aux Basques	47 35	59 10	9·1	1005·7	1006·9	- 3·9	271·7	277·2	27th	264·7	257·4	10th	268·2	*267·9*	- 0·4	74	-45
426	St. John's, Newfoundland	47 34	52 42	74·1	997·3	1006·7	- 3·6	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	935·2	1013·4	- 3·6	286·4	292·1	29th	277·3	272·9	13th	282·1	*281·4*	+ 0·5	53	+17
436	Nantes	47 15	W. 1 34	36·5	1004·4	1008·8	- 6·1	285·6	290·8	20th	277·3	269·8	11th	281·7	281·4	+ 1·2	106	+43
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1004·9	1011·1	- 3·9	285·1	291·6	3rd	276·6	268·2	11th	280·8	280·4	+ 1·1	49	+11
438	Marseille	43 18	5 23	75	..	1011·0	- 2·5	287·6	292·3	30th	279·2	272·3	12th	283·4	*282·3*	- 0·7	127	+80
438a	Zürich	47 23	8 33	493	954·2	1013·4	- 2·4	283·6	292·5	23rd	274·1	268·1	17th	278·8	278·1	+ 0·9	50	-25
439	Rome	41 54	12 27	45·5	1006·8	1012·3	- 0·9	287·9	293·0	31st	280·3	273·5	19th	284·1	*284·0*	+ 0·4	132	+59
440	Vienna	48 15	16 22	203	993·0	1018·2	+ 3·4	278·9	292·2	31st	272·3	266·5	21st	275·6	275·6	- 1·7	30	-17
440a	Budapest	47 31	19 1	130	1003·3	1019·5	+ 4·4	282·1	292·6	31st	273·5	265·2	2nd	277·8	277·5	- 1·1	18	-28
441	Sofia	42 42	23 20	550	953·8	1020·8	+ 3·0	280·1	290·6	31st	271·3	263·8	21st	275·7	*275·1*	- 3·0	25	-17
442	Bucharest	44 25	26 6	82	1013·0	1023·4	+ 7·4	279·3	292·9	27th	269·9	263·5	20th	274·6	274·1	- 3·9	36	- 6
443	Odessa (Observatory)	46 26	30 46	42·8	1019·5	1025·0	+ 8·3	274·1	283·9	31st	268·3	261·1	20th	271·2	*271·1*	- 4·5	6	-21
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1017·5	1022·2	+ 5·6	278·7	293·0	29th	270·5	260·7	6th	274·6	*274·5*	- 4·6	7	-44
446	Tiflis	41 43	44 48	404	973·8	1023·4	+ 4·6	279·1	296·2	31st	271·8	264·5	8th,9th	275·5	276·5	- 4·2	39	+10
447	Astrakhan	46 21	48 2	-13·8	1029·0	1027·2	+ 6·7	..	..	..	..	..	..	..	*267·4*	- 6·0	8	- 3
448	Fort Alexandrovsk	44 31	50 7	-23·0	1028·4	1025·5	+ 5·8	..	..	..	..	..	..	..	*269·2*	- 6·2	3	- 7
	Krasnovodsk	40 0	52 59	-4·6	1023·1	1022·5	+ 4·1	..	..	..	..	..	..	..	*277·3*	- 4·3	16	- 3
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	5	..
451	Tashkent	41 20	69 18	478	964·7	1022·9	+ 2·6	281·9	293·0	14th	273·0	263·3	22nd	277·5	*277·2*	- 3·5	62	- 1
452	Naryneskoe	41 26	76 13	2015	..	..	..	..	..	..	259·6	248·1	7th	..	*265·0*	- 3·8	19	+ 2
	Alma Ata	43 16	76 53	841	922·7	1024·1	+ 0·8	277·0	290·0	17th	268·3	256·7	24th	272·7	*272·7*	..	44	-11
461	Moukden	41 48	123 23	43·8	1015·6	1021·2	+ 0·1	278·5	290·1	30th	268·9	260·7	3rd	273·7	273·5	+ 1·5	13	- 6
462	Joshin	40 40	129 11	31·9	1015·1	1019·1	+ 0·8	277·5	285·2	27th	270·4	265·5	7th	273·9	273·6	0·0	6	-15
464	Yuki	42 20	130 24	63·8	1010·2	1018·3	0·0	276·5	284·5	29th	269·0	263·7	5th	272·7	272·4	+ 0·8	15	- 8
465	Vladivostok	43 7	131 54	128	1001·6	1018·0	- 0·3	..	..	..	..	..	..	..	*269·2*	- 1·0	43	+27
466	Ochlai	47 20	142 47	27·4	1009·3	1012·8	+ 0·1	272·2	278·1	24th	264·2	248·9	1st	268·2	268·3	+ 2·9	54	+23
466	Nemuro	43 20	145 35	26·7	1008·5	1011·9	- 1·6	274·5	278·3	24th	268·2	261·0	2nd	271·3	271·3	+ 0·8	28	-29
466a	Eyana	45 14	147 53	39·3	1006·2	1011·2	- 1·4	273·3	279·0	25th	266·5	258·4	17th	269·9	270·1	+ 1·7	31	-31
		N.	E.															

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N.

MARCH - ZONE 5 (AMERICA).

511	San Francisco	N. 37 48	W. 122 26	47·2	1012·3	1017·9	- 0·1	290·8	298·0	17th	284·3	281·3	28th	287·6	*286·9*	+ 3·0	118	+38
512	Sacramento	38 35	121 30	21·0	1015·1	1017·6	+ 0·4	291·1	299·1	18th	282·1	279·1	29th	286·6	*286·7*	+ 1·2	86	+15
513	San Diego	32 43	117 10	26·5	1014·4	1017·6	+ 0·7	291·8	296·3	16th	284·7	280·8	29th	288·2	*287·7*	+ 1·6	18	-20
514	Modena	37 48	113 54	1668	832·9	1014·5	+ 0·8	285·9	294·7	21st	271·6	266·3	30th	278·8	*278·8*	+ 2·4	26	- 5
515	Santa Fé	35 41	105 57	2138	785·1	1013·2	+ 0·5	284·8	294·1	27th	272·1	259·1	16th	278·4	*278·7*	+ 1·3	33	+13
516	Denver	39 45	105 0	1613	835·4	1015·6	+ 1·1	284·7	295·2	27th	272·3	260·8	16th	278·5	*278·9*	+ 1·7	36	+12
517	Abilene	32 23	99 40	530	953·2	1014·5	- 0·9	295·2	308·6	28th	280·8	268·6	17th	288·0	*287·3*	+ 1·8	11	-18
518	Saint Louis	38 38	90 12	173	994·9	1015·9	- 1·5	286·2	300·2	23rd	275·4	266·3	5th	280·8	280·6	+ 1·0	58	-31
519	Mobile	30 41	88 2	17·4	1014·1	1015·9	- 2·1	293·9	299·7	9th	285·4	275·2	18th	289·7	*289·3*	+ 1·3	139	-25
520	Nashville	36 10	86 47	166	997·0	1017·3	- 1·3	287·4	300·2	29th	277·3	270·2	19th	282·3	*282·4*	- 0·4	83	-47
521	Charleston	32 47	79 56	14·6	1014·2	1015·9	- 2·6	291·0	298·0	26th	283·2	277·4	19th	287·1	*287·7*	- 0·1	78	- 8
522	Washington	38 54	77 3	34·1	1009·8	1013·9	- 3·7	284·5	299·7	24th	274·9	268·0	6th	279·7	*279·2*	+ 0·6	55	-42
524	Bermuda	32 17	64 46	46·0	1013·1	1018·6	+ 0·9	294·2	296·8	30th	286·8	282·5	24th	290·5	*290·6*	+ 0·4	148	+27
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see page 107.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	♯Santa Cruz (Flores)	39 27	31 9	40	1009·5	1014·3	- 4·9	289·9	292·7	23rd	283·9	278·3	2nd	286·9	287·4	- 0·1	258	+154
531	Horta	38 32	28 38	65	1007·6	1015·4	- 5·6	289·3	292·0	31st	289·3	292·0	31st				40	-49
532	Ponta Delgada	37 44	25 40	22	1013·4	1016·0	- 4·6	289·3	291·5	27th	285·2	281·9	7th	287·2	287·0	- 0·4		
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..		285·6	282·7	5th	287·4	287·5	+ 0·4	86	-38
533	Madeira (Funchal)	32 38	16 55	25	1016·0	1019·0	+ 0·1	293·4	297·0	28th	..	..	..	..	..	..	49	-38
535	Lisbon	38 43	9 9	95	1002·8	1014·2	- 1·8	288·1	293·5	30th	286·2	286·6	1,8,27	290·8	*290·8*	+ 2·4	121	+48
535a	Melilla	35 17	2 59	40	1010·6	1015·4	..	290·7	296·8	29th	283·3	280·5	1st	285·7	285·6	+ 0·2	20	- 8
536	Gibraltar	36 8	5 21	16·2	..	1015·5	- 1·7	290·3	295·2	29th	285·4	282·3	16th	288·0	*287·8*	+ 1·2	114	- 5
536a	Colomb-Béchar	31 36	W. 2 4	769	925·6	1012·6	..	295·8	304·0	30th	281·6	275·0	2nd	288·7	*288·3*	+ 0·8	5	- 3
537	Palma	39 34	E. 2 39	23	1008·9	1011·7	- 3·9	290·9	296·8	31st	281·0	277·0	14th	285·9	*285·5*	+ 0·2	38	- 1
538	Algiers (Bouzaréah)	36 48	3 2	342	972·6	1013·2	- 2·4	288·5	297·6	30th	283·0	279·8	26th	285·8	285·6	+ 1·1	101	+45
538a	Gadames	30 9	9 30	351	..	..	..	?299·5	?308·0	31st	?278·8	?274·0	11th,12th	?289·1	..	- 1·1	2	- 4
539	Tunis	36 48	10 10	75	1005·1	1014·1	..	289·5	299·1	31st	281·9	276·6	19th	285·7	*285·5*	0·0	45	+15
539a	Malta	35 54	14 31	56·4	..	1013·1	- 0·7	288·3	290·4	22nd,31st	284·4	281·3	19th	286·3	*285·5*	- 0·6	110	+70
540	Riposto	37 41	15 14	14·2	..	1014·9	- 1·4	287·9	291·0	28th	281·0	277·8	19th	284·5	*285·5*	- 0·4	155	+83
541	Athens	37 58	23 43	107	1003·9	1017·0	+ 2·7	286·0	291·8	31st	279·8	274·3	19th,20th	282·9	282·5	- 1·9	76	+40
542	Alexandria	31 12	29 53	32·0	1012·7	1016·6	+ 1·2	293·7	301·4	27th	285·3	280·9	3rd	289·5	*288·7*	- 0·4	8	- 8
543	Ankara (Angora)	39 58	32 48	861	917·6	1020·2	+ 4·0	280·5	293·6	28th	269·2	259·2	1st	274·9	*274·8*	..	13	-13
543a	Nicosia (P.W.D.)	35 9	33 22	159	997·2	1016·2	+ 1·7	289·5	295·8	30th	277·7	271·9	3rd	283·6	..	- 2·1	16	-28
544	Beirut	33 54	35 28	33·7	..	1016·5	+ 1·6	290·9	302·1	29th	284·0	277·2	2nd	287·4	*287·3*	- 1·0	40	- 1
545	Hinaidi	33 17	44 29	32·3	1014·1	1016·0	+ 1·9	294·9	303·6	29th,31st	278·9	269·7	2nd,3rd	286·9	*286·9*	- 2·4	1	- 5
546	Lankoran	38 46	48 51	-20·0	..	..	..	..	..		..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	287·0	295·9	31st	275·2	266·4	9th	281·1	*281·3*	- 1·1	30	-25
548	Meshed	36 17	59 38	946	879·4	..	..	283·2	298·2	31st	272·9	268·3	10th	278·1	..	- 2·7	35	+14
549	Seistan	31 0	61 30	610	..	..	..	293·9	302·3	31st	280·9	272·9	6th	287·4	.	- 1·3	25	+10
550	Quetta	30 12	67 0	1673	833·9	..	+ 0·3	290·4	296·4	25th	275·1	265·8	6th	282·7	*282·9*	- 0·9	73	+41
551	Peshawar	34 2	71 37	339	975·6	1015·4	+ 0·1	295·7	303·7	4th	284·2	279·7	7th	289·9	*289·5*	- 0·5	9	- 3
551a	Lahore	31 34	74 20	214	987·5	1012·5	- 0·2	301·3	306·8	28th	286·6	281·3	7th	293·9	*293·7*	+ 0·2	31	+ 1
552	Simla	31 7	77 8	2204	781·9	..	+ 1·1	286·8	289·7	31st	279·9	276·1	5th	283·3	*283·5*	+ 0·2	12	- 2
552a	Leh	34 10	77 42	3503	664·0	..	- 0·8	278·9	283·8	24th	267·7	261·4	6th	273·3	*272·6*	0·0		
559	Hankow	30 35	114 17	37·0	1015·4	1019·9	- 1·7	290·0	302·0	1st	280·8	274·9	8th	285·4	*285·0*	+ 1·6	89	- 2
560	Tientsin	39 9	117 9	6·4	1020·6	1021·3	- 0·8	284·5	295·0	17th	272·7	268·2	5th	278·6	*278·7*	+ 0·9	3	-24
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1019·3	1020·1	- 1·1	287·1	299·9	20th	277·5	271·4	13th	282·3	281·6	+ 0·8	78	+19
562	Jinsen (Chelmulpho)	37 29	126 37	67·6	1011·7	1020·2	- 0·4	281·2	289·2	30th	272·8	268·1	3rd	277·0	276·5	+ 0·7	19	-22
562a	Nagasaki	32 44	129 52	133	1001·6	1017·8	- 1·1	287·3	293·9	12th	278·3	274·0	14th	282·8	282·1	0·0	69	+11
563	Kyoto	35 1	135 44	42·9	1012·1	1017·4	- 0·4	285·8	295·3	20th	274·1	269·0	24th	279·9	279·4	+ 0·2	73	-14
564	Tokyo	35 41	139 46	5·8	1014·2	1014·9	- 1·5	285·0	296·4	21st	275·0	267·4	6th	280·0	279·9	0·0	157	+47
565	Hukusima	37 45	140 28	68·5	1007·2	1015·7	- 0·8	282·8	290·7	20th	272·1	268·0	9th	277·5	277·0	+ 0·1	76	-23
566	Miyako	39 38	141 59	30·4	1010·1	1013·9	- 1·7	280·8	288·3	20th	270·9	266·0	5th	275·9	275·2	- 0·4		
		N.	E.															

MARCH – ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

601	Midway Island	28 15	177 22	5·8	1012·3	1013·2	- 5·5	294·9	298·6	9th	288·6	284·1	4th	291·8	*291·4*	- 0·3	207	+93
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	0·0	298·8	300·2	19th	292·9	288·6	25th	295·8	295·7	+ 1·0	26	- 2
613	Guaymas	27 55	110 53	8·3	1013·2	1014·2	..	300·5	307·8	27th	289·7	286·5	10th	295·1	*294·8*	+ 0·3	21	- 1
615	Leon	21 7	101 41	1809	820·5	1009·8	- 0·7	300·5	304·2	4th	282·4	278·4	13th	291·5	*290·9*	- 0·4	12	- 1
616	Monterry	25 40	100 18	528	952·4	1011·9	- 1·7	301·0	310·3	28th	288·6	278·4	17th	294·8	*294·1*	+ 1·9	16	- 1
617	Tulancingo	20 5	98 22	2181	789·1	..	- 0·1	298·7	302·7	9th	280·1	274·4	19th	289·4	*287·6*	- 0·4	18	- 1
618	Galveston	29 18	94 50	16·5	1013·7	1015·9	- 1·5	293·1	299·7	29th	287·1	278·0	17th	290·1	*289·7*	+ 0·3	18	- 1
618a	New Orleans	29 57	90 4	16·2	1014·2	1015·9	- 1·4	295·7	303·0	13th	287·1	278·0	18th	291·4	*291·2*	+ 1·3	138	+76
619	Mérida, Yuc.	20 58	89 38	22	1011·9	1014·4	- 0·8	304·1	309·0	29th	292·9	288·4	23rd	298·5	*298·3*	+ 0·4	0	- 2
620	Havana	23 7	82 25	77·0	1007·3	1016·2	- 1·1	300·5	304·8	29th	292·1	287·6	22nd	296·3	295·9	..	25	- 2
620a	Key West	24 33	81 48	6·7	1016·3	1017·3	- 0·8	299·5	302·4	30th	293·3	285·8	23rd	296·4	*295·7*	+ 0·7	9	- 2
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·6	- 0·8	299·3	302·4	28th	292·6	288·0	24th	295·9	*295·7*	+ 0·1	86	+ 2
622	Watling Island	24 6	74 26	33·5	1013·2	1017·1	- 1·5	..	302·4	31st	..	292·4	22nd	..	*297·9*	+ 0·8	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	297·2	304·5	14th	288·5	287·0	2nd	292·9	*291·7*	...	..	..
634m	Isaña	28 19	16 30	2367	767·5	..	+ 1·9	284·3	294·0	24th	278·5	270·8	4th	280·4	*280·2*	+ 3·6	1	- 1
634	La Laguna	28 28	16 20	547	954·0	1017·8	- 0·2	291·4	298·8	29th	282·7	277·0	15th	287·1	*286·5*	+ 0·9	57	+41
636	Adrar	27 38	W. 0 4	285	982·0	1014·5	..	303·2	310·6	31st	283·7	280·8	7,10,27	293·5	*295·4*	..	0	- 3
638	Laperrine	22 36	E. 5 26	1350	..	..	..	300·1	304·0	25th	282·2	276·1	8th	291·2	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	0	- 2
642	Siwa	29 12	25 29	-23	1018·8	1018·2	+ 0·3	297·6	310·0	27th	..	..	17th	..	..	..	..	..
643	Cairo (Helwan)	29 52	31 20	116	1002·0	1015·8	+ 0·4	296·6	306·2	27th	281·9	277·5	17th	289·8	..	..	0	- 2
643a	Aswan	24 2	32 53	100	1001·6	1013·0	- 0·7	305·5	314·4	28th	283·3	277·0	2nd	290·0	*289·8*	- 0·3	..	..
644	Tor	28 14	33 37	1·9	1013·2	1013·5	- 0·1	296·9	304·3	28th	287·9	279·7	1st	296·7	*295·8*	+ 1·7	0	- 2
											284·2	277·8	1st	290·6	*290·7*	- 0·4		
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ♯Change of normals, see page 108.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1013·3	1013·7	..	295·1	303·6	16th	286·9	278·7	4th	291·0	*290·4*	- 0·6	1	-23
648	Jask	25 45	57 45	4·0	1011·5	1011·9	..	301·2	306·8	18th	292·9	285·8	5th	297·1	*296·5*	+ 1·3	3	-17
649	Karachi	24 53	66 57	4·0	1012·0	1012·5	- 0·7	300·9	304·2	16th	293·9	287·4	5th	297·4	*296·8*	+ 0·9	0	- 8
650	Jacobabad	28 17	68 29	56·7	1005·9	1012·5	+ 0·2	305·7	311·6	23rd	290·3	279·5	6th	298·0	*297·5*	+ 1·0	1	- 5
651	Jaipur	26 56	75 52	436	963·8	1013·1	+ 0·4	305·5	310·5	29th	290·4	282·2	8th	297·9	*297·7*	+ 0·9	2	- 7
652	Nagpur	21 8	79 5	310	977·5	1012·5	+ 0·3	309·2	311·7	29th	292·4	287·9	9th	300·8	*300·4*	- 0·2	7	- 6
653a	Allahabad	25 25	81 51	94·2	1000·8	1011·6	- 0·3	307·0	313·2	29th	290·1	285·6	8th,10th	298·6	*298·2*	+ 0·7	0	- 8
654	Darjeeling	27 3	88 15	2265	775·8	..	+ 0·2	288·1	293·1	31st	280·4	276·6	8th	284·3	*284·5*	+ 1·8	15	-31
	Calcutta	22 32	88 20	6·4	1010·8	1011·5	- 0·2	308·6	311·1	23rd	294·5	288·5	9th	301·6	*301·1*	+ 1·8	3	-33
655	Gauhati	26 8	91 41	59·7	1005·7	1012·6	- 0·2	303·9	308·4	28th	288·4	284·9	8th	296·2	*295·3*	+ 0·8	7	-52
655a	Cherrapunji	25 15	91 42	1313	870·1	..	+ 0·7	293·7	297·8	23rd	286·2	281·6	9th	289·9	*289·2*	+ 0·8	196	-42
656	Akyab	20 11	92 56	6·1	1011·4	1012·1	- 0·3	303·8	307·1	19th	292·7	286·4	10th	298·2	*298·3*	- 0·6	0	-12
656a	Mandalay	21 59	96 0	76·2	1002·8	1011·8	- 0·2	309·3	312·6	31st	293·5	288·5	1st	301·4	*301·0*	+ 0·1	0	- 5
657	Tengyueh	25 2	98 33	1626	835·7	1010·9	..	293·9	298·6	31st	278·7	275·2	21st	286·3	*285·9*	+ 0·2	8	-32
658	Pau Lien	20 48	106 38	116	..	1012·4	- 1·9	295·7	303·0	7th	291·0	286·0	16th	293·4	292·8	+ 0·8	23	-22
659	Moncay	21 31	107 51	9·0	..	1012·8	- 1·8	295·3	300·1	5th	290·0	285·3	16th	292·7	*292·0*	+ 0·8	41	-33
660	Hongkong	22 18	114 10	33·2	..	1014·4	- 1·6	292·8	298·5	25th	288·7	284·8	10th	290·7	290·3	0·0	132	+57
	Amoy	24 26	118 4	4·9	..	..	..	291·4	299·7	2nd	285·8	280·2	14th	288·6	288·6	0·0	93	+ 4
661	Taihoku, Formosa	25 2	121 31	9·3	1015·1	1016·2	- 1·5	293·4	303·1	2nd	287·6	282·7	13th	290·5	290·2	+ 0·2	281	+108
662a	Basco	20 28	121 59	18·7	..	1011·4	- 2·2	300·2	303·0	4th	295·2	291·2	20th	297·7	297·3	+ 0·4	126	+13
663	Naha	26 12	127 39	29·5	1013·0	1016·5	- 0·9	293·0	298·4	1st	288·3	284·5	13th,15th	290·7	290·7	- 0·2	290	+135
664	Tittizima (Bonin Islands)	27 5	142 11	4·1	1014·8	1015·3	- 1·7	293·9	297·0	5th	287·1	283·4	9th	290·5	290·5	- 0·8	93	-17
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. MARCH – ZONE 7.

715	Colima	19 12	103 45	498	957·1	1013·1	+ 0·9	305·2	308·4	25th	287·7	283·3	15th	296·5	*295·5*	- 0·9	0	0
716	Morelia	19 42	101 7	1923	809·3	1009·0	- 0·6	297·3	299·4	7th	283·2	279·2	14th	290·3	*290·5*	+ 0·1	31	+20
717	Mexico, Tacubaya	19 24	99 12	2309	774·1	..	- 0·2	299·4	302·3	6th,8th	280·1	277·8	14th	289·7	288·9	+ 0·6	18	+ 8
718	Salina Cruz	16 12	95 12	56	1005·4	1011·8	- 0·6	302·3	307·0	8th	295·7	291·2	sev.dates	299·0	*299·3*	0·0	0	- 9
719	San Salvador	13 42	89 13	682	937·9	1013·1	+ 0·7	308·2	310·4	3rd	289·7	285·0	14th	298·9	*296·8*	+ 0·1	1	-12
720	Belize	17 31	88 11	5·2	1013·7	1014·3	- 0·7	..	..	..	296·4	291·9	18th	..	‡*298·5*	+ 0·4	6	-26
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·2	+ 0·4	302·7	305·3	8th	293·6	290·7	24th	298·1	*297·9*	+ 0·3	29	-42
722	Port au Prince	18 33	72 20	37·4	1011·6	1015·9	+ 0·3	304·7	307·4	30th	294·3	291·9	9th	299·5	*298·7*	+ 0·3	40	-54
723	Caracas	10 30	66 56	1042	899·4	1013·9	+ 0·3	299·1	301·7	19th	287·0	283·9	31st	293·1	*292·1*	+ 0·3	3	-12
724	San Juan, Porto Rico	18 29	66 7	25·0	1014·0	1016·9	+ 0·5	300·1	303·6	19th	293·9	292·4	12th	297·0	*296·9*	0·0	42	-38
724a	Grenada, Richmond Hill	12 5	61 46	188	992·0	1013·6	+ 0·1	302·7	304·1	6,21,25	295·2	293·6	11th,12th	298·9	*298·4*	+ 0·5	55	-13
725	Barbados	13 8	59 36	55·2	..	1015·0	+ 0·3	302·4	303·7	22nd	294·7	292·1	3rd	298·5	*298·2*	+ 0·4	51	+ 3
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·6	1014·9	+ 0·3	295·2	296·5	25th	291·5	290·0	5th	293·3	*293·7*	- 0·7	0	- 1
732	♯San Tiago, C. Verde Is.	14 54	23 31	34	1011·4	1015·3	+ 0·7	299·5	301·7	25th	292·6	290·0	4th	296·1	*296·3*	+ 0·1	0	- 2
734	Dakar	14 40	17 26	32	1008·1	1011·8	..	297·5	304·2	24th	290·4	289·2	15th	293·9	*292·9*	- 1·2	0	- 1
735	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	299·2	306·9	24th	292·1	289·1	21st	295·7	*295·3*	- 1·6	0	..
736	Médinébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E. 5 14	353	..	..	..	314·3	316·3	15th,16th	295·6	291·3	14th	304·9	*304·7*	+ 1·4	0	- 3
738	Kaduna Capital	10 32	7 25	?637	..	..	..	307·7	310·2	17th	..	..	..	..	‡*299·1*	- 0·6	31	+17
740	Hadejia	12 40	10 5	?	..	..	..	313·6	315·8	18th,25th	..	..	..	..	‡*303·2*	+ 0·1	0	0
741	Maiduguri	11 47	13 11	361	..	..	..	315·2	317·4	13th	294·3	286·3	1st	304·7	*304·4*	+ 2·1	0	0
	El Fasher	13 32	25 18	730	925·6	1006·0	..	311·0	315·0	28th	289·3	281·5	1st,5th	300·2	*298·7*	+ 2·0	6	+ 6
743	♯El Obeid	13 11	30 14	563	945·1	1006·6	- 1·6	310·9	315·8	28th	292·6	283·3	2nd	301·8	*300·7*	+ 3·1	1	- 1
743a	Khartoum	15 37	32 33	390	964·0	1007·0	- 1·5	311·4	317·2	29th	294·3	285·2	1st	302·8	*303·1*	+ 2·7	16	+16
744	Port Sudan	19 37	37 13	5·5	1011·6	1012·3	+ 0·3	302·2	305·3	28th	293·0	286·7	2nd	297·6	*297·6*	+ 0·8	0	- 1
745	Berbera, Somaliland	10 22	45 2	13·8	1009·8	1011·4	- 1·2	302·7	303·6	2,25,29	296·6	294·1	9th	299·7	*299·4*	+ 0·4	0	-16
746	Aden	12 45	45 3	28·7	1010·1	1013·4	0·0	302·8	305·5	30th	297·1	295·2	29th,30th	299·9	*299·2*	+ 0·5	0	-12
751	Bombay	18 54	72 49	11·3	1011·0	1012·4	- 0·4	303·2	305·9	27th	296·1	292·4	8th	299·7	299·2	+ 0·3	0	- 2
752	Kodaikanal	10 14	77 28	2343	772·4	..	+ 0·2	293·8	296·5	25th	282·9	280·5	10th	288·3	*287·7*	+ 0·2	45	- 7
753	Bangalore	12 59	77 38	921	911·6	1011·5	0·0	306·7	308·9	25th	291·2	286·9	15th	298·9	*298·4*	+ 0·6	8	- 5
754	Madras	13 4	80 14	6·7	1011·6	1012·4	- 0·2	305·3	308·3	5th	294·6	290·2	1st	299·9	*299·1*	- 0·3	26	+22
	Vizagapatam	17 42	83 19	11·6	1011·0	1012·4	0·0	303·1	305·9	19th	296·6	294·4	11th	299·9	*299·0*	- 0·9	0	- 8
756	Port Blair	11 40	92 40	18·0	1009·8	1011·8	- 0·3	303·6	304·9	17th,18th	296·9	294·4	2nd	300·3	*299·4*	- 1·0	81	+62
757	Rangoon	16 46	95 48	5·5	1011·3	1011·9	- 0·3	308·0	311·3	16th	295·2	291·3	3rd	301·6	*300·1*	- 0·1	11	+ 3
758	Cap St. Jacques	10 20	107 5	180	..	1010·8	..	302·5	305·4	30th	296·9	295·0	15th	299·7	*299·3*	+ 0·1	0	- 5
759	Nhatrang	12 15	109 12	3·6	..	1011·1	..	302·8	304·0	17th,26th	294·7	293·3	12th	298·7	*298·2*	- 0·2	0	-62
760	Bolinao	16 23	119 53	2	..	1010·2	- 0·6	304·6	?309·0	1st	295·8	293·5	12th	300·2	*299·8*	- 0·4	3	-10
761	Vigan	17 34	120 23	12·2	..	1010·2	- 1·0	304·5	305·7	30th	296·8	294·6	11th	300·7	300·1	+ 0·1	12	+ 4
762	Manila	14 35	120 59	14·2	..	1010·7	- 0·6	305·7	308·0	31st	295·0	292·3	23rd	300·3	299·7	+ 0·2	9	- 9
763	Ormoc	11 0	124 36	5·6	..	1009·3	- 0·6	305·9	307·5	23rd,29th	294·7	292·7	20th,28th	300·3	*300·0*	+ 1·0	34	-65
764	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·6	- 0·3	?302·9	?304·4	19th	297·1	295·0	5th	?300·0	*300·4*	+ 0·8	123	+41
	Saipan	15 14	145 46	207	988·2	1008·5	..	300·7	302·3	12th	295·5	294·3	28th	298·1	297·7	..	133	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ♯Change of normals, see page 111.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·5	1011·1	+ 0·4	304·3	308·6	6th	..	..	..	..	‡301·6	+ 0·5	211	-46
821	Cristobal	9 23	79 23	11·0	..	1012·2	+ 0·2	303·7	305·2	18th	297·8	295·8	12th	300·7	300·3	+ 0·9	61	-33
822	Bogota	4 36	74 5	2645	746·3	..	..	292·4	296·1	6th	283·0	280·6	7th	287·7	286·8	..	84	-32
822a	∮Merida, Venez.	8 36	71 9	1641	‡ 842·0	..	+ 0·2	296·6	299·5	28th	287·9	286·0	7th	292·3	*291·2*	+ 0·1	0	-1
823	Ciudad Bolivar	8 9	63 33	38	1007·6	1011·9	..	305·6	307·0	22nd	296·3	292·3	13th	301·0	*300·4*	+ 0·1	73	+9
824	El Peru, Guayanavieja	7 19	61 49	220	986·2	1011·2	+ 0·2	302·4	304·2	23rd	294·2	291·2	13th	298·3	*297·8*	+ 0·2		
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·9	+ 0·1	302·1	302·4	sev.dates	297·3	295·8	16th	299·7	*299·3*	+ 0·3	219	+41
826	Paramaribo	5 49	55 9	3·7	..	1012·8	- 0·1	303·7	305·1	7th	295·4	293·4	10th	299·5	*299·3*	+ 0·6	235	+76
826a	Cayenne	4 56	52 21	6	..	..	..	303·1	305·5	15th	296·8	294·2	6th	300·0	*298·9*	+ 0·6	176	+38
831	10°-5°N. 30°-25°W.	††7 4	††27 2	§(107-133)	..	1013·0	+ 1·1	..	..	Sea Temp. 297·7|-1·0	..	..	..	..	297·7	- 0·8	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	0	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·3	1011·2	+ 0·5	304·6	306·3	6th	297·1	294·7	7th	300·8	*300·0*	- 0·2	43	-31
835	Assuantsi	5 18	1 15	101	..	..	..	304·4	306·9	7th,9th	?295·6	?294·1	sev.dates	?300·0	..	+ 0·2	73	+6
836	Accra	5 33	W. 0 12	16·0	1007·6	1009·5	+ 0·2	303·4	305·5	7th	297·2	293·7	21st	300·3	*299·9*	- 0·4	74	+8
837	Lagos	6 27	E. 3 24	3·0	1008·1	1008·4	- 0·5	303·6	304·7	11th	298·2	294·1	30th	300·9	*300·3*	- 0·7	208	+111
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	102	+2
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	3	-17
841	Wau	7 42	28 3	440	..	..	..	312·8	315·2	8th,18th	296·5	291·9	1st,25th	304·7	*304·4*	+ 0·3	44	-17
843	∮Malakal (Kodok)	9 35	31 37	394	962·7	1005·9	- 0·7	311·8	316·6	10th	295·3	291·2	1st	303·6	*302·7*	+ 0·4	16	+1
843a	∮Mongalla	5 11	31 47	448	956·6	1005·9	- 1·0	311·2	315·3	18th	297·0	293·9	15th	304·1	*302·4*	+ 1·0	20	+5
844	Entebbe	0 5	32 29	1171	883·0	1008·5	- 0·2	300·2	301·9	17th,19th	291·3	289·7	14,15,25	295·7	*295·3*	+ 0·5	162	+81
845	Sheikh	9 55	45 15	1463	..	..	..	298·6	300·8	31st	283·4	277·4	5th,13th	291·0	..	..	0	-3
851	Miniccy	8 17	72 49	2·1	1011·7	1011·9	- 0·2	304·8	306·4	28th	298·6	296·3	16th	301·7	*300·8*	..	1	-3
851a	Cochin	9 58	76 21	2·7	1011·8	1012·4	+ 0·1	303·2	304·0	15th	298·6	296·9	2nd	300·9	*300·0*	- 1·1	45	-3
852	∮Colombo Observatory	6 54	79 52	7·3	..	1010·6	+ 0·6	304·3	306·3	10th	296·2	293·3	11th	300·2	*299·3*	+ 0·2	93	+9
853	∮Nuwara Eliya	6 58	80 46	1886	..	..	..	295·8	297·9	12th	279·3	274·2	22nd	287·6	*286·5*	- 0·1	162	-9
854	∮Trincomalee	8 35	81 15	30·2	..	1010·2	+ 0·2	303·1	306·1	29th	297·2	295·3	21st	300·1	*299·2*	0·0	13	-8
855	Kuta Raja	5 32	95 20	7·1	..	1010·2	- 0·4	..	..	..	..	..	..	..	..	..	180	+68
856	Medan	3 35	98 41	25·0	..	1009·7	- 0·5	304·1	307·4	23rd	295·7	293·4	13th	299·9	299·3	+ 0·5	124	+7
857	Penang	5 34	100 20	5·0	..	..	..	307·4	308·0	23rd	295·4	295·2	31st	301·4	*300·6*	+ 0·1	126	+4
858	Singapore	1 18	103 51	10·9	1008·6	1009·8	- 0·1	303·9	305·5	7th,8th	296·3	295·2	21st	300·1	*299·6*	- 0·2	231	+81
859	Sandakan	5 50	118 7	31·7	..	..	..	304·0	305·8	29th	297·1	296·3	sev.dates	300·6	*299·9*	+ 0·4	383	+3
860	Iwahig	9 44	118 38	14·3	..	1009·3	- 0·2	304·9	306·4	31st	294·6	291·7	10th	299·7	*299·4*	0·0	36	-13
861	Tagbilaran	9 38	123 51	21·3	..	1009·4	- 0·6	304·5	306·9	23rd	296·0	294·0	19th	300·3	299·5	+ 0·3	128	+44
861a	Menado	1 30	124 50	8·5	..	1009·0	- 0·8	303·2	304·8	16th	296·3	295·1	8th	299·7	299·2	+ 0·5	428	+252
862	Surigao	9 48	125 29	6·0	..	1010·1	- 0·3	302·3	304·9	25th	297·0	295·4	2nd	299·7	299·4	+ 0·5	559	+3
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·8	+ 0·7	302·9	305·5	27th	298·6	297·4	10th	300·7	300·3	+ 0·6	107	-2
864	Palau	7 20	134 29	31·8	1006·1	1009·7	..	303·1	304·6	22nd	297·7	296·9	7th,9th	300·4	300·1	..	193	-1
867	Ponape	6 58 N.	158 13 E.	38·9	1004·6	1009·0	..	302·8	304·3	25th	297·5	294·6	31st	300·1	299·9	..	278	..

MARCH – ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	303·3	307·0	7th	295·4	293·6	24th	299·4	*298·8*	..	298	+2
926	∮Taperinha	2 30	54 20	21·5	1009·1	1011·5	+ 0·3	303·1	305·2	6th	296·0	295·0	7th	299·6	*298·6*	+ 0·5	496	+251
927	Turyassu	1 43	45 28	9·1	1009·8	1010·8	+ 0·2	303·6	308·1	29th	294·9	293·7	12th	299·2	*298·5*	+ 0·1	645	+360
928	Barra do Corda	5 30	45 16	81·0	999·8	1009·1	- 0·7	304·2	306·2	28th	295·3	293·9	11th	299·8	*298·6*	+ 0·5	160	-13
929	∮Quixeramobim	5 16	39 15	207	988·2	1011·5	+ 0·2	303·5	305·6	4th	298·3	296·2	1st	300·9	*300·7*	+ 0·7	238	+66
930	Fernando Noronha	3 50	32 25	106	999·4	1011·2	- 0·3	300·7	301·6	5th Sea Temp.	297·7	295·6	21st	299·2	*299·3*	+ 0·1	196	+19
930a	5°-10°S. 35°-30°W.	††7 40	††33 45	§(52)	..	1012·3	..	..	..	300·3|-0·1	..	..	..	..	300·4	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1011·1	1013·0	+ 0·2	303·7	305·2	11,21,29	297·6	296·3	14,16,28	300·7	*299·7*	- 0·1	6	-2
939	Loanda	8 49	E. 13 13	51	..	1010·3	+ 0·1	301·5	303·0	10th	296·7	295·2	1st	299·1	298·9	- 0·2	8	-2
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	304·4	306·3	sev.dates	288·4	283·0	5th,21st	296·4	..	..	207	+38
944	Nairobi (Dept.Agric.)	1 16	36 50	1675	..	..	..	303·0	305·2	1st	287·4	282·4	19th	295·2	..	..	36	-3
944a	Zanzibar	6 10	39 11	17·1	1010·2	1012·2	- 0·2	304·1	305·5	9th	299·7	296·6	3rd	301·9	*301·3*	+ 0·5	146	+30
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	304·7	8th,9th	299·1	297·4	7th,10th	300·8	*300·5*	- 0·2	30	+2
947	Seychelles, Port Office	4 37	55 27	4·6	1010·4	1010·9	+ 0·4	302·4	304·8	23rd	296·6	294·4	12th	299·5	*298·9*	- 0·8	878	+548
957	Padang	0 56	100 22	6·7	..	1010·4	- 0·2	304·2	305·7	12th	296·7	294·3	1st	300·5	299·8	+ 0·3	332	+91
958	Batavia	6 11	106 50	8·0	1008·2	1009·1	- 0·7	303·5	305·3	26th	296·9	295·7	26th	300·2	299·4	+ 0·4	252	+49
958a	Pontianak	0 1	109 20	2·6	..	1009·0	- 1·1	305·7	307·9	9th	297·3	295·7	8th	301·5	300·4	+ 0·8	271	+58
959	Pasuruan	7 38	112 55	5·0	..	1009·1	- 0·4	304·1	305·5	24th	297·0	296·0	1st	300·5	299·8	+ 0·4	401	+181
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	669	+441
962	Amboina	3 42	128 10	4·2	..	1007·8	- 1·1	303·6	306·1	14th	297·9	296·6	24th	300·7	300·3	+ 0·5	116	-24
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	162	+20
965	Daru	9 4	143 13	7·6	..	1009·8	+ 0·2	303·0	..	..	..	..	..	..	..	..	271	+129
966	Port Moresby	9 29	147 9	38·4	..	1009·8	+ 0·5	304·0	..	..	296·9	..	..	299·9	*299·5*	- 0·2	160	+19
967	Rabaul				..	..	..	..	..	..	297·6	..	..	300·8	*300·4*	+ 0·2		
969	Tulagi, Brit. Solomon Is.	4 9	152 12	12·5	1006·7	1008·2	+ 0·1	306·4	307·3	11th	296·2	295·2	18,26,31	301·3	*300·6*	+ 0·8	110	-128
970	Ocean Island	9 6	160 10	2·1	..	..	..	304·1	305·8	22nd	298·1	296·7	15th	301·1	*300·2*	+ 0·4	..	..
		0 52	169 35	42·6	1004·8	1009·6	- 0·4	305·9	306·3	sev.dates	298·8	298·0	sev.dates	302·3	*301·7*	+ 1·4	5	-28
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1008·8	- 0·3	302·8	304·5	22nd	297·7	296·7	26th	300·2	300·3	+ 0·7	401	+46
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1011·0	+ 0·1	303·7	305·8	24th,25th	296·3	294·7	7,28,30	300·0	*299·7*	+ 0·1	182	-134
1021	Lima	12 5	77 3	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Tacna	18 0	70 18	560	..	..	..	302·3	304·0	sev.dates	288·5	287·0	sev.dates	295·4	*294·3*	- 0·2	0	0
1035	Corumba	18 59	57 39	118	996·2	1009·2	+ 0·3	305·2	307·8	10th	295·4	292·8	22nd	300·3	*299·2*	+ 0·2	113	-18
1036	Cuyaba	15 36	56 6	165	990·8	1009·5	+ 0·2	305·4	308·2	24th	295·7	294·2	28th	300·6	*298·9*	+ 0·5	160	-51
1037	Bello Horizonte	19 55	43 57	895	913·2	1010·6	- 0·8	302·7	304·6	17th	292·2	289·4	31st	297·4	*296·6*	+ 1·8	110	-76
1038	Castite	14 3	42 37	897	915·1	1011·1	+ 0·6	301·4	305·7	2nd	291·0	289·0	15th	296·2	*295·7*	- 0·3	186	+84
1039	Ondina (Bahia)	13 0	38 31	46·6	1006·2	1011·5	- 0·7	302·6	305·0	4th	296·6	294·9	28th	299·6	*299·3*	+ 0·2	94	-57
1039a	Aracaju	10 55	37 3	6·1	1012·4	1013·2	+ 0·1	303·0	305·2	5th Sea Temp.	296·8	294·2	25th	299·9	*299·6*	..	36	..
1039b	15°-20°S. 40°-35°W.	††17 18	††37 58	§(48)	..	1013·8	..	..	..	300·0|-0·1	..	..	..	..	300·2	..	..	..
1039c	10°-15°S. 40°-35°W.	††12 48	††36 30	§(52)	..	1013·1	..	..	..	300·4|+0·2	..	..	..	..	300·5	..	..	..
1035	St. Helena	15 57	W. 5 40	579	946·8	1013·2	+ 1·1	293·5	295·8	10th	288·9	287·4	25th,31st	291·2	*291·1*	- 0·9	139	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	300·5	1st	..	290·2	31st	..	*295·0*	- 2·0	..	..
1041	Livingstone	17 51	25 51	972	905·0	1009·6	..	304·6	307·6	10th	292·6	290·1	20th	298·6	..	..	58	..
1041a	Elizabethville	11 39	27 28	1236	876·7	1008·9	+ 0·3	..	..	..	..	..	..	..	..	..	305	+85
1042	Gwelo	19 26	30 2	1411	..	..	..	304·0	307·4	27th	288·1	285·2	14th,27th	296·1	..	+ 2·8	26	-59
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·0	1011·4	0·0	299·9	301·9	10th	287·9	284·0	24th	293·9	292·6	+ 0·7	78	-41
1044	Zomba	15 23	35 18	955	906·5	1010·9	+ 0·4	299·9	303·0	11th	290·9	288·6	25th	295·4	*295·1*	+ 0·6	290	+59
1045	Mosuril	14 57	40 40	15	..	1011·2	..	304·7	306·8	11th	296·3	295·6	18th	300·5	299·9	..	234	..
1046	Antananarivo	18 55	47 33	1375	864·3	1011·4	+ 1·1	299·5	301·2	11th,27th	287·8	284·2	6th	293·6	293·0	+ 0·3	66	-119
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1011·6	1012·3	+ 0·3	303·4	305·7	13th	298·9	296·9	21st	301·2	*300·8*	+ 0·5	255	+27
1057	Christmas Island	10 25	105 43	5·5	1006·5	1007·1	- 0·6	303·3	306·3	1,2,4	298·0	295·2	31st	300·7	*300·3*	0·0	339	+73
1061	Kupang	10 10	123 34	45·1	..	1009·6	+ 0·4	303·6	305·6	26th	296·8	295·3	7th	300·2	299·7	+ 0·2	172	-50
1061a	∮Derby	17 18	123 40	16·2	1006·1	1007·9	- 0·8	308·7	311·9	17th	300·2	295·3	24th	304·4	..	+ 1·3	90	-19
1062	∮Hall's Creek	18 13	127 48	373	966·4	1006·7	- 2·1	311·1	313·2	2nd	297·8	292·7	7th	304·4	*304·0*	+ 3·1	16	-60
1063	∮Darwin	12 28	130 51	29·6	1003·1	1006·5	- 0·9	304·9	307·3	3rd	297·9	295·4	4th	301·4	*300·3*	- 0·5	194	-58
1064	∮Daly Waters	16 16	133 23	211	963·2	1006·8	- 0·7	306·3	312·4	3rd	296·2	293·6	19th,30th	301·2	*300·8*	- 0·5	248	+128
1065	∮Georgetown, Queensland	13 15	142 50	122	993·8	1007·9	+ 0·9	303·7	306·3	5th	295·1	293·0	19th	299·4	..	- 0·4	441	+208
1065a	Willis Island	18 22	143 32	302	976·2	1010·5	+ 1·3	306·3	310·8	1,2,3	294·6	290·8	26th	300·4	..	+ 0·4	100	-24
1067	Samarai	16 18	149 59	8·5	1008·1	1009·2	..	302·5	303·7	12th	298·0	296·1	28th	300·2	*300·2*	..	326	..
1072	Suva, Fiji	18 8	E. 178 26	6·1	1008·0	1008·6	+ 0·2	303·4	306·3	13th	297·4	295·8	28th, 31st	300·4	*300·1*	+ 0·7	416	+48

MARCH – ZONE 11 (AMERICA, AFRICA).

BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1106	Barotonga (Avarua)	21 12	159 47	6	..	..	..	302·4	304·1	21st,25th	295·4	293·0	2nd	298·9	*298·6*	+ 0·2	82	-203
1107	Punta Tortuga, Coquimbo	29 56	71 21	27	1012·7	1015·9	+ 1·2	293·1	295·5	5th	288·1	285·8	27th	290·6	*290·2*	+ 0·9	0	- 1
1108	Iquique	20 12	70 11	6	1013·5	1014·2	+ 0·7	295·8	297·7	5th,19th	..	..	..	..	*292·0*	- 1·0	0	0
1109	Catamarca	28 27	65 47	510	952·4	1009·5	+ 0·2	303·1	310·7	4th	290·4	285·9	18th	296·7	*295·5*	- 1·4	75	+30
1110	Salta	24 46	65 28	1182	881·9	1009·7	+ 0·5	298·9	305·8	4th	288·5	285·4	31st	293·7	*293·3*	+ 0·4	91	-12
1111	Goya	29 9	59 15	37	1008·2	1012·5	+ 1·0	305·4	310·8	18th	292·0	287·0	28th	298·7	*298·0*	+ 1·3	95	-46
1112	Asuncion	25 17	57 41	93	1001·6	1012·2	+ 1·6	305·7	310·8	17th	294·9	291·1	28th	300·3	*299·4*	+ 0·8	200	+66
1113	Curityba	25 25	49 17	908	913·0	1013·4	- 0·4	297·3	301·4	18th	289·7	283·8	31st	293·5	*292·4*	+ 0·3	158	+44
1114	Rio de Janeiro	22 54	43 10	18·3	1010·0	1012·2	- 0·6	303·2	307·6	1st	296·2	292·6	31st	299·7	298·9	+ 0·9	160	+25
1114a	25°-30°S. 50°-45°W.	††27 36	††47 52	§(68-72)	..	1014·3	..	..	..	Sea Temp. 298·0|+0·4	..	..	..	..	297·6	..	..	..
1140	Windhoek	22 34	W. E. 17 6	1727	830·0	1009·4	..	298·2	302·5	3rd	287·7	276·9	28th	293·0	*292·2*	- 1·1	73	-12
1141	O'Okiep	29 36	17 52	933	909·9	1012·6	- 0·2	299·9	309·7	7th	287·6	279·7	28th	293·8	*293·2*	- 1·0	5	- 6
1141a	Kimberley	28 42	24 47	1202	882·6	1012·3	+ 0·3	301·4	308·6	1st	288·2	280·6	30th	294·8	294·2	+ 0·4	79	0
1142	Johannesburg	26 11	28 4	1806	824·6	1014·6	+ 0·3	296·9	301·2	2nd	285·6	280·1	29th	291·2	*290·7*	+ 0·8	62	-51
1143	Bulawayo	20 9	28 36	1349	868·2	1011·8	- 0·2	301·8	305·4	26th	289·2	286·3	25th	295·5	*294·9*	+ 1·9	28	-58
1144	Durban	29 52	31 3	15·2	1014·4	1016·2	- 1·0	300·0	302·9	26th	293·9	290·6	30th	296·9	*296·3*	+ 0·3	88	-48
1145	Lourenço Marques	25 58	32 36	59·0	..	1015·4	+ 0·4	302·6	308·5	28th	293·7	291·0	25th	298·2	297·7	+ 0·2	85	-21
1147	Mauritius	20 6	57 33	55·2	1005·2	1011·5	- 0·5	301·5	302·8	25th	295·3	291·0	16th	298·4	298·1	- 0·2	164	-74
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 113.

MARCH – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	♯Onslow	21 43	114 57	4·3	1005·2	1005·7	- 2·6	310·3	319·4	2nd	296·7	291·7	21st	303·5	..	+ 1·3	0	-36
1160	♯Cue	27 27	117 52	454	960·6	1010·8	0·0	307·5	315·7	4th	293·1	285·7	18th	300·3	..	+ 0·4	1	-25
1161	♯Nullagine	21 53	120 5	386	965·7	1007·6	- 0·9	312·2	315·7	2nd	294·1	288·6	21st	303·1	..	+ 1·0	18	-37
1162	♯Laverton	28 40	122 23	466	960·4	1012·2	- 1·3	307·1	315·3	4th	292·3	285·8	7th	299·7	*299·6*	+ 2·0	0	-38
1163	♯Alice Springs	23 38	133 37	587	945·3	1009·7	- 0·8	307·3	311·5	24th	292·3	286·9	29th	299·8	*300·1*	+ 1·9	18	-12
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	♯Boulia	22 55	139 38	146	992·4	1008·8	+ 0·1	308·4	311·8	31st	295·5	290·7	28th	301·9	*302·2*	+ 0·6	5	-41
1165	♯Thargomindah	27 58	143 43	123	997·9	1011·8	+ 0·1	307·7	312·1	26th	294·7	287·1	16th	301·2	*301·0*	+ 1·9	22	-36
1166	♯Mitchell	26 32	147 52	336	976·0	1013·5	+ 1·1	304·0	308·1	24th	289·7	286·3	9th	296·9	..	+ 0·5	..	..
1167	♯Rockhampton	23 24	150 30	11·3	1012·7	1014·2	+ 2·4	302·0	304·6	16th	292·9	291·2	15th	297·4	..	- 1·4	74	-63
1168	♯Brisbane	27 28	153 2	41·8	1012·3	1016·7	+ 2·2	301·1	303·4	24th	291·9	288·9	16th	296·4	*295·8*	- 0·1	54	-48
1170	Norfolk Island	29 4	167 59	14·9	1015·1	1017·0	+ 2·6	296·3	302·4	10th	..	..	..	..	..	..	54	..
		S.	E.															

MARCH – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	978·8	1019·4	..	291·3	295·5	2nd	286·2	284·2	31st	288·7	*287·9*	..	76	-36
1221a	Punta Tumbes	36 37	73 6	120	1002·2	1016·6	+ 1·7	290·4	292·7	8th	283·9	281·5	sev.dates	287·1	*287·1*	- 0·4	42	-13
1222	♯Punta Angeles, Valparaiso	33 1	71 38	41	1011·0	1015·9	+ 1·4	294·0	298·0	12th	284·8	280·2	27th	289·4	*289·5*	+ 0·2	0	-31
1222a	♯Santiago	32 27	70 42	520	954·7	1014·2	+ 0·7	300·0	304·7	13th	282·9	280·3	31st	291·5	*290·5*	+ 0·6	69	-66
1223	Cordoba	31 25	64 12	423	964·0	1012·2	+ 0·4	300·9	308·1	4th	286·9	283·4	28th	293·9	293·3	0·0	123	-66
1224	Bahia Blanca	38 45	62 15	25	1010·2	1013·1	- 0·1	300·2	308·1	2nd	284·7	276·3	27th	292·4	*292·5*	+ 0·1	..	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1011·8	1014·9	+ 0·8	299·5	304·8	15th	287·7	280·7	25th	293·6	293·3	- 0·1	20	-56
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1014·2	+ 0·7	..	302·0	3rd,4th	..	285·5	29th	..	*292·9*	- 1·2	48	-18
1226a	Porto Alegre	30 2	51 13	23·5	1010·6	1013·3	- 1·2	300·3	307·0	18th	292·0	284·2	26th	296·4	295·8	0·0	147	..
1226b	30°-35°S. 55°-50°W.	††32 54	††51 52 W.	§(67-72)	..	1015·9	..	..	..	Sea Temp. 295·0|-0·3	..	..	..	..	294·9	..	..	..
1239	Cape Town	33 56	E. 18 29	12·2	1013·7	1015·1	+ 0·9	298·3	311·0	8th	287·8	284·4	30th	293·1	*291·4*	0·0	14	-14
1240	Danger Point	34 37	19 18	27·7	1013·5	1016·8	+ 1·8	294·1	297·4	15th	287·7	281·9	29th	290·9	..	+ 0·5	23	-18
1241	Riversdale	34 6	21 16	61·0	..	..	..	299·5	309·7	8th	287·0	283·1	24th	293·2	..	- 0·6	70	-18
1242	East London	33 2	27 55	44·8	1009·8	1015·0	0·0	298·3	301·3	4th	290·2	285·8	30th	293·4	..	+ 0·1	158	..
1259	♯Perth (Observatory)	31 57	115 51	60·0	1008·1	1015·1	- 0·3	299·6	309·9	8th	288·4	284·3	18th	294·0	*293·5*	- 0·7	3	-37
1260	♯Katanning	33 42	117 35	310	979·7	1015·6	- 0·3	299·3	305·6	9th	285·6	279·3	20th	292·7	..	+ 0·5	0	-26
1261	♯Coolgardie	30 57	121 10	423	966·4	1014·2	- 0·5	302·7	315·1	4th	287·4	280·9	18th,19th	295·0	*294·9*	- 0·1	18	-26
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	♯Streaky Bay	32 48	134 13	13·1	1014·1	1015·7	- 1·2	301·2	312·6	1st	287·4	281·0	27th	294·3	*293·6*	+ 0·8	27	-26
1264	♯Adelaide	34 56	138 35	42·7	1011·2	1016·2	- 1·0	300·3	312·9	5th	288·1	284·1	17th,26th	294·2	*293·7*	+ 0·2	106	-21
1265	♯Melbourne	37 49	144 58	35·1	1012·6	1016·7	- 0·2	297·7	309·5	6th	287·8	281·9	12th	292·8	*292·4*	+ 1·7	3	-54
1266	♯Bourke	30 13	145 58	110	1003·8	1016·3	+ 1·0	306·8	310·8	19th,24th	292·1	286·9	16th	299·3	..	+ 1·0	..	..
1267	♯Sydney	33 51	151 13	42·1	1011·4	1016·2	- 0·2	298·9	304·7	24th	290·7	285·9	17th	294·8	*294·3*	+ 1·1	113	-63
1268	Lord Howe Island	31 20	159 0	4·9	1017·9	1018·7	+ 2·1	298·8	300·6	30th	292·6	289·7	15th	295·8	..	+ 0·7	63	-88
1272	Napier	39 29	176 55	1·5	..	1018·1	+ 0·5	295·9	298·0	9th,16th	288·1	284·7	1st	292·0	..	+ 0·7	103	-48
		S.	E.		..	..	..	294·4	298·6	26th	287·3	280·2	1st,2nd	290·9	..	+ 0·7		

MARCH – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·8	1016·5	+ 0·6	285·5	287·6	10th,12th	280·8	278·6	31st	283·1	*283·9*	- 1·2	141	-14
1322	Punta Galera	40 1	73 44	40	1013·2	1018·0	+ 2·0	288·1	293·0	12th	282·2	279·8	27th	285·1	*285·8*	- 0·9	154	-19
1323	Sarmiento	45 34	69 0	272	976·9	1009·2	- 0·9	292·2	299·0	13th	280·8	273·5	19th	286·5	285·9	- 1·8	19	-7
1324	Puerto Madryn	42 49	W. 64 58	14	1008·5	1010·4	- 1·1	297·2	307·6	8th	280·3	271·0	26th	288·7	289·8	- 0·8	72	..
1365	♯Launceston	41 27	E.147 10	10·1	1014·2	1015·3	+ 0·9	296·8	307·4	7th	284·3	276·1	15th	290·4	*289·4*	+ 1·5	22	-24
1366	♯Hobart	42 53	147 20	53·9	1009·6	1015·9	+ 1·9	294·9	303·1	3rd	284·7	278·7	15th	289·8	*289·8*	+ 1·6	24	..
1370	Invercargill	46 25	168 21	3·7	..	..	..	291·7	299·1	4th,5th	282·2	277·4	18th	286·9	..	+ 1·3	67	-37
1371	Dunedin	45 52	170 31	6·1	..	1019·4	+ 5·8	292·4	298·0	4th	283·5	280·2	5th	287·9	..	+ 1·8	56	-28
1371a	Christchurch	43 31	172 39	7·6	..	1019·7	+ 4·6	292·6	299·1	2nd	284·7	279·8	29th	288·7	..	+ 1·3	28	-35
1372	Wellington	41 16	174 46	128	..	1019·5	+ 2·8	293·0	296·9	15th	286·1	280·7	1st	289·6	288·9	+ 0·7	35	..
		S.	E.															

MARCH – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	991·2	997·9	- 4·3	281·8	283·6	11th	277·8	274·4	30th	279·7	*280·6*	- 0·8	349	-17
1422	Magallanes (Punta Arenas)	53 10	70 54	28	993·1	996·5	- 4·8	284·5	290·5	1st	278·2	275·4	19th	281·3	*282·4*	- 0·5	17	-15
1423	Punta Dungeness	52 24	68 26	5	995·5	996·1	- 4·8	..	..	..	278·4	275·1	31st	..	*282·6*	- 0·4	15	-3
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	..	..	..	..	..	3	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·8	- 0·2	285·3	288·6	10,13,16	276·4	272·4	20th	280·9	..	- 0·1	76	-37
1426	Cape Pembroke	51 41	57 42	21·3	998·8	999·4	- 1·9	283·8	288·6	12th	277·9	274·7	18th,19th	280·9	281·2	- 0·3	..	..
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	W.															

MARCH – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	7	989·7	990·6	- 0·2	274·5	277·6	14th	270·7	266·9	7th	272·6	273·0	+ 0·6	58	-42
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, APRIL 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF APRIL, 1928
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

APRIL – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
102	Barrow	71 23	156 17	7·0	..	1019·8	+ 1·8	262·4	271·9	27th,28th	252·3	242·4	11th	257·3	..	+ 3·0	2	- 2
125	Upernivik	72 47	56 7	19·2	1009·9	1012·4	- 3·5	267·1	277·5	29th	256·9	245·0	1st	262·0	*261·3*	+ 2·8	2	-13
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1011·5	1013·7	..	269·6	274·6	11th,13th	261·9	253·0	23rd	265·7	*266·0*	..	83	..
135	Jan Mayen	70 59	W. 8 18	23·1	1008·4	1011·3	- 1·8	..	276·3	12th	268·7	257·9	22nd	..	*271·0*	+ 0·1	30	+ 5
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1011·2	1012·6	- 0·4	..	274·2	12th	253·4	242·2	23rd	..	259·3	- 0·1	85	+61
141	Björnöen	74 28	19 17	40·5	1006·7	1011·9	- 0·7	..	276·2	15th	264·1	256·5	8th	..	*267·1*	+ 0·9	77	+53
142	Ingøy	71 4	24 6	7·5	1011·1	1012·0	+ 0·3	..	279·2	28th	271·5	266·5	23rd	..	*273·6*	+ 1·1	30	- 2
143	Sletnes	71 5	28 14	10·2	1011·7	1013·0	+ 2·8	..	279·1	28th	270·3	262·7	13th	..	*272·6*	..	22	..
147	Vardö	70 22	31 8	11·8	1012·0	1013·5	+ 1·9	..	278·6	16th	270·0	261·1	13th	..	*272·6*	+ 1·0	19	-21
148	Malye Karmakouly	72 23	52 43	15·3	1012·2	1014·2	+ 1·2	264·7	272·3	26th	255·0	244·3	1st	259·8	*259·7*	- 2·3	..	..
149	Waigatz	70 24	58 47	11·2	1011·6	1013·1	0·0	..	..	..	253·0	241·7	2nd	..	*257·3*	- 3·9	..	..
153	Dickson	73 31	80 23	13·0	1013·0	1014·8	+ 4·0	..	..	..	249·4	239·0	3rd	..	*253·4*	- 1·2	0	- 4
158	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

APRIL – ZONE 2.

201	Prechrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1008·2	1009·1	- 2·3	271·2	278·0	28th	262·7	254·1	5th	266·9	*267·3*	+ 2·3	0	-15
204	Bethel	60 45	161 47	11·6	..	1005·7	..	275·2	284·7	27th	255·6	250·2	1st	270·4	..	..	2	..
205	Tanana	65 10	152 6	69·5	1003·2	1011·5	- 0·3	275·3	285·2	27th	263·0	246·3	1st	269·1	*269·2*	+ 0·8	4	- 3
206	Rampart	65 30	150 15	114	..	..	..	274·1	285·2	27th	261·9	253·0	18th	268·0	..	- 0·2	4	- 2
207	Valdez	61 7	146 16	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..
208	Eagle	64 46	141 12	248	980·0	1011·5	- 0·3	275·9	287·4	26th	259·0	236·3	2nd	267·4	*267·7*	- 2·9	27	+17
209	Dawson	64 4	139 29	324	972·3	1013·1	+ 1·1	275·8	285·6	26th	260·8	243·0	2nd,3rd	268·3	*268·4*	- 2·3	17	+ 3
210	Mayo Landing	63 35	135 51	579	950·7	1022·9	..	275·8	287·4	26th	260·8	243·0	3rd	268·3	*268·7*	..	22	..
211	♯Fort Good Hope	66 25	128 53	65·2	1015·2	1023·9	+ 4·4	267·4	286·9	25th	251·3	234·7	11th	259·4	..	- 3·4	6	-14
212	Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	..	..	- 6·4	0	-20
213	Hay River	60 51	115 20	161	996·3	1017·6	+ 1·9	267·4	291·3	27th	252·4	236·9	4th	259·9	..	- 8·2	26	+12
225	Jacobshavn	69 13	51 2	31·6	1003·8	1007·9	- 5·6	270·9	279·7	20th	264·3	255·6	9th	267·6	*268·1*	+ 4·8	16	+ 4
226	Godthaab	64 10	51 43	20	..	..	..	275·6	289·4	22nd	268·6	259·8	8th	272·1	*271·3*	+ 2·4	0	-28
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
228	Angmagsalik	65 37	37 33	29·3	1004·7	1008·4	- 2·6	275·5	278·5	11th,13th	267·1	259·0	28th	271·3	*271·6*	+ 2·6	44	-19
231	Stykkisholm	65 5	22 46	25	..	1002·6	- 7·4	280·0	284·7	13th	273·7	268·4	16th,25th	276·9	*276·6*	+ 2·8	42	+ 4
232	Vestmanno	63 24	20 17	132	..	1001·0	- 7·3	280·9	284·1	28th	276·2	272·7	5th	278·5	*278·1*	+ 1·8	136	+39
233	Grimsey	66 33	18 1	22·0	..	1005·0	- 6·4	278·3	282·9	12th	273·8	269·7	15th	276·1	*275·9*	+ 4·0	2	-11
234	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
235	Teigarhorn	64 41	14 22	18·0	..	1004·2	- 6·1	281·6	285·6	10th	274·6	267·3	16th	278·1	*277·7*	+ 3·3	257	+176
236	Hjalvig	62 3	6 45	22·9	1005·5	1008·3	- 2·4	280·8	285·1	28th	276·2	270·2	17th	278·5	*278·8*	+ 0·8	74	-19
237	Lerwick	60 8	W. 1 11	18·0	..	1008·9	- 2·3	281·4	286·3	30th	277·6	271·9	17th	279·5	*279·4*	+ 1·2	40	-18
238	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1006·2	1011·6	- 0·7	284·3	294·0	30th	277·2	271·5	14th	280·7	*280·6*	+ 2·1	57	-39
239	Aalesund	62 28	6 10	6·3	1010·6	1011·4	- 1·8	..	290·2	27th	277·1	273·2	22nd	..	*279·6*	+ 1·6	19	-40
240	Trondhjem	63 28	10 25	59·2	1005·2	1012·5	+ 0·8	283·6	293·2	30th	274·3	269·8	13th	278·9	*278·4*	+ 1·9	18	-29
241	Bodö	67 17	14 2	22·3	1011·3	1014·0	+ 2·8	..	283·7	30th	272·9	267·7	23rd	..	*275·9*	+ 0·9	96	+45
242	Haparanda	65 50	24 9	9·2	1014·0	1015·2	+ 2·1	276·4	285·0	29th	267·7	258·0	13th	272·1	*272·4*	+ 1·0	32	+ 6
243	Helsingfors	60 10	24 57	11·7	1013·1	1014·5	+ 0·4	278·9	288·4	30th	272·8	264·8	11th	275·9	*275·9*	+ 1·3	37	+ 1
244	Kuopio	62 55	27 40	233	986·6	1015·6	+ 2·2	278·0	290·0	28th	270·9	260·5	10th	274·5	*274·5*	+ 0·3	26	- 7
245	Kola	68 53	33 1	6·7	1013·2	1014·1	+ 1·5	275·3	282·7	16th	268·1	257·4	13th	271·7	*271·9*	+ 0·5	25	+11
246	Petrozavodsk	61 47	34 23	79·0	1005·5	1015·4	+ 0·7	278·3	290·4	28th	270·0	259·3	14th	274·2	*274·3*	+ 0·4	5	-23
247	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Mezen	65 50	44 16	14·9	1012·7	1014·6	+ 0·4	272·5	283·5	28th	263·3	250·3	8th	267·9	*267·8*	- 2·9	10	- 4
249	Oust-Tsylma	65 25	52 18	68	1003·9	1012·7	- 2·8	270·3	280·3	22nd	260·8	244·6	9th	265·6	*265·7*	- 4·4	31	+13
250	Tchardyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
260	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Obdorsk	66 31	66 35	35·2	1008·7	1013·4	- 4·1	263·6	274·3	27th	255·1	245·0	5th	259·4	*259·5*	- 3·1	6	- 3
262	New Port	67 42	72 57	3·3	..	..	..	259·6	270·7	24th	249·6	237·3	6th	254·6	*254·7*	..	10	..
263	Sourgout	61 15	73 24	48	1001·6	1007·7	- 9·6	..	..	..	..	..	..	..	*268·1*	- 0·3	57	+41
264	Gowdinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
265	Kouroukhansk	65 47	87 57	45·0	1002·4	1008·2	- 7·3	..	..	..	..	..	..	..	*263·8*	+ 1·1	18	+ 3
266	Yiliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
267	Iakoutsk	62 1	129 43	108	1000·2	1014·0	+ 0·6	..	..	..	..	..	..	..	*267·0*	+ 1·9	5	- 4
268	Verkholansk	67 33	133 24	100	994·7	1007·7	- 3·7	..	..	..	..	..	..	..	*262·8*	+ 2·7	3	- 1
269	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
270	Nalakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	22·7	1018·3	1021·3	+ 4·4	..	..	..	..	..	..	..	*260·0*	+ 1·5	0	- 5
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	**28·0	..	1007·4	- 2·0	270·6	274·7	15th	267·1	261·3	3rd	268·8	..	- 1·4	21	-26
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1003·3	1003·7	- 4·9	277·4	281·9	10,18,26	271·1	266·3	28th	274·3	*273·9*	- 0·5	..	..
304	Chernofski Harbor	54 27	166 42	7	..	..	..	277·1	282·4	18th	271·6	265·8	15th	274·3	..	..	76	0
305	Dillingham	59 0	158 28	24·4	..	..	..	276·9	283·6	29th	268·4	256·3	1st	272·7	..	+ 1·3	31	-17
306	Kodiak (Radio)	57 47	152 22	4·6	1001·1	1001·7	- 3·8	279·5	283·6	9th	272·1	268·0	1st	275·8	*276·2*	+ 0·3	†70	
309	Sitka	57 3	135 19	19·8	..	..	..	282·8	288·6	30th	273·3	267·4	2nd	278·1	..	- 0·8	126	-21
310	Prince Rupert	54 18	130 18	51·8	1005·1	1011·5	- 2·4	284·1	288·6	8th	275·8	270·2	2nd	279·9	*279·9*	+ 1·0	132	+37
311	Barkerville	53 2	121 35	1274	863·5	1010·7	- 2·0	278·6	286·9	26th	268·0	259·7	7th	273·3	*272·9*	- 1·4	93	- 5
312	∮Kamloops	50 41	120 29	385	967·9	1013·9	- 3·3	287·3	297·4	26th	275·9	269·3	7th	281·6	*281·7*	- 1·2	6	
313	Calgary	51 2	114 2	1058	890·4	1014·2	+ 1·0	281·3	298·6	26th	268·6	261·9	8th	274·9	*276·4*	- 2·7	24	+ 3
314	Fort Chipewyan	58 42	111 10	218	..	..	..	270·2	288·0	27th	260·2	249·7	7th	265·2	*266·1*	- 4·8	32	+10
315	Prince Albert	53 10	105 38	437	961·5	1015·5	- 0·6	279·1	298·6	27th	266·3	254·1	12th	272·7	*272·3*	- 2·9	44	+20
316	Qu'Appelle	50 30	103 47	651	937·3	1016·6	+ 0·5	277·3	294·1	27th	265·4	256·3	8th	272·3	*271·9*	- 3·9	36	+20
317	Minnedosa	50 15	99 50	515	952·1	1015·4	- 1·0	277·8	295·8	28th	265·8	253·4	19th	271·8	*271·6*	- 4·3	20	+ 2
318	Berens River	52 18	97 23	216	..	..	..	272·9	288·6	29th	260·6	248·6	13th	266·7	..	- 5·1	1	-14
318a	Port Nelson	57 0	92 51	14·9	1014·1	1016·0	- 2·7	266·3	285·8	29th	254·7	241·3	5th	260·5	..	- 4·1		
319	Pagwa	50 3	85 18	189	..	..	..	275·9	294·1	30th	261·2	249·7	15th,17th	268·6	..	- 4·7	47	+ 9
320	Moose Factory	51 14	80 30	9·1	1010·6	1011·8	- 5·0	273·6	285·8	29th	260·2	249·7	19th	266·9	..	- 3·8	62	+20
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	∮Natashquan	50 8	61 48	6·1	..	..	..	?276·8	?281·9	5th	?258·4	?245·2	2nd	?267·6	..	- 3·6	46	+19
326	Belle Isle	51 53	55 23	130	992·1	1008·9	- 2·9	274·7	280·2	13th	267·1	256·3	20th	270·9	..	- 0·5	..	..
333a	62°-57°N. 20°-15°W.	††59 27	††17 28	§(43)	..	..	..	..	..	9th Sea Temp. 281·7	‡0·4	..	..	..	281·3	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1004·9	1006·6	- 6·5	284·0	288·0	28th	276·7	272·9	17th	281·3	281·4	- 0·6	127	+68
335	Aberdeen	57 10	W. 2 6	28·0	1006·3	1009·5	- 2·9	281·9	286·4	25th	276·9	271·4	16th	279·4	279·3	+ 0·1	65	- 1
336	Greenwich	51 28	0 0	46·3	..	1009·1	- 5·1	286·7	295·8	26th	277·2	270·8	18th	281·9	281·6	+ 0·4	35	
337	Uccle	50 48	E. 4 22	100	996·7	1008·8	- 5·3	287·8	297·0	26th	277·5	271·6	23rd	282·6	281·6	+ 0·9	88	+31
338	De Bilt	52 8	5 11	3·0	1008·9	1009·3	- 4·5	286·0	295·2	27th	277·2	270·7	22nd	281·6	281·3	+ 0·3	45	+ 4
338a	Hamburg	53 33	9 58	40·3	1006·8	1011·7	- 1·7	285·7	300·3	30th	276·8	271·0	15th	281·3	*280·8*	+ 0·4	61	+14
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1012·6	1013·2	- 0·5	282·8	291·6	29th	275·4	271·0	14th	279·1	*279·0*	+ 0·9	47	+14
340	Potsdam	52 23	13 4	84·9	1000·7	1011·1	- 3·0	285·9	299·9	30th	276·3	270·7	19th	281·1	280·8	0·0	11	- 4
340a	Uppsala	59 51	17 38	24	1011·3	1014·3	+ 1·0	281·3	292·7	27th	272·3	267·1	14th	276·8	276·8	+ 0·6	34	+ 7
341	Warsaw	52 13	21 3	89·9	1001·4	1012·4	- 2·4	285·3	293·7	30th	276·1	270·8	14th	280·7	*280·4*	..	..	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1004·4	1014·4	+ 0·5	280·8	293·9	29th	273·3	265·8	12th	277·0	276·9	+ 0·5	12	- 2
343	Leningrad	59 56	30 16	8·6	1014·0	1015·1	+ 0·6	279·3	293·4	28th	272·7	263·3	11th	276·0	*275·8*	+ 0·4	16	- 1
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	994·6	1015·4	- 1·1	278·4	292·6	29th	270·8	258·4	13th	274·6	*274·6*	- 1·8	43	+ 2
345	Saratov	51 32	46 2	127	1001·1	1017·0	- 0·2	279·2	297·2	30th	271·6	261·3	12th	275·4	*275·4*	- 1·6	21	- 6
346	Kazan	55 47	49 8	79·9	1005·0	1015·0	- 4·1	278·5	291·9	28th	271·3	261·4	11th	274·9	*274·8*	- 1·7	80	+27
347	Orenburg	51 45	55 6	109	1004·0	1017·6	- 3·8	279·7	294·2	30th	271·6	260·8	1st	275·6	*275·5*	- 1·8	27	- 6
348	Perm	58 1	56 16	163	992·7	1013·1	- 6·1	..	..	..	..	..	..	..	*273·4*	- 1·9		
349	Sverdlovsk	56 50	60 38	281	977·4	1012·3	- 6·6	..	..	..	..	..	..	..	*273·2*	- 1·5	14	- 3
350	Tobolsk	58 12	68 14	108	997·5	1011·1	- 7·9	..	..	..	..	..	..	..	*271·8*	- 2·1	31	+ 4
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	*271·2*	- 3·0	27	+ 2
352	∮Omsk	55 1	73 19	108	1000·2	1013·9	- 6·2	..	..	..	..	..	..	..	*271·4*	- 1·8	34	+ 6
353	Barnaoul	53 20	83 48	162	997·8	1018·2	- 3·5	..	..	..	..	..	..	..	*273·0*	- 0·9	38	+ 6
354	Tomsk	56 30	84 58	123	998·3	1013·7	- 6·4	..	..	..	..	..	..	..	*272·0*	0·0		
355	Minousinsk	53 43	91 41	249	987·0	1017·7	- 3·1	..	..	..	..	..	..	..	*276·3*	+ 1·0	12	- 2
356	Eniseisk	58 27	92 10	81·2	1002·7	1013·0	- 4·8	..	..	..	..	..	..	..	*272·1*	+ 0·5	68	+19
357	Irkutsk	52 16	104 19	467	959·5	1018·3	- 3·4	..	..	..	..	..	..	..	*275·9*	+ 2·5	11	- 2
358	Kirensk	57 47	108 7	278	980·2	1014·9	- 1·8	..	..	..	..	..	..	..	*272·2*	+ 1·3	9	- 3
359	Tchita	52 2	113 30	685	929·7	1011·6	- 3·2	..	..	..	..	..	..	..	*275·2*	+ 1·7	12	- 2
360	Nertchinskii Zavod	51 19	119 37	621	939·6	1014·9	+ 1·8	..	..	..	..	..	..	..	*272·8*	+ 0·1	4	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	994·3	1011·8	+ 0·3	..	..	..	..	..	..	..	*276·1*	+ 0·7	5	
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1005·6	1011·0	+ 0·3	..	..	..	..	..	..	..	*270·6*	+ 0·7	15	- 4
366	Okhotsk	59 21	143 17	6·0	1012·0	1012·8	- 0·4	..	..	..	..	..	..	..	*267·7*	+ 1·5	4	
368	Petropavlovsk (Phare)	52 53	158 43	87·1	997·6	1008·6	- 0·6	..	..	..	..	..	..	..	*271·4*	+ 0·4	140	+72
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.
**Height changed from 12·2m. to 28·0m. from April 1st.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1006·1	1014·7	- 2·5	285·7	290·8	26th	278·7	274·7	1st	282·2	*281·9*	+ 0·4	35	- 4
412	Portland, Oregon	45 32	122 41	46·6	1011·5	1016·9	- 1·2	287·9	296·3	22nd	279·6	275·8	6th	283·8	*283·5*	+ 0·1	114	+37
413	Macleod	49 44	113 24	953	..	..	..	282·9	298·0	28th	271·6	263·6	8th,13th	277·2	*277·4*	- 1·7	22	+ 5
414	Helena	46 34	112 4	1253	870·9	1013·2	- 2·0	284·2	298·0	26th	272·5	261·3	8th	278·3	*278·1*	- 1·2	14	-14
414a	Salt Lake City	40 46	111 54	1329	865·1	1013·2	- 0·2	287·3	300·8	30th	276·4	269·1	8th	281·8	*282·2*	- 1·2	39	-14
415	Cheyenne	41 8	104 48	1856	808·6	1012·5	- 1·7	283·3	294·1	30th	269·8	258·0	8th	276·6	*277·9*	- 1·4	21	-26
416	North Platte	41 8	100 45	860	913·3	1012·8	- 1·6	288·9	302·4	28th	273·3	263·0	8th	281·1	*281·1*	- 1·0	1	-53
416a	Bismarck	46 47	100 38	510	952·9	1014·5	- 1·6	282·3	298·0	28th	269·3	257·4	19th	275·8	*276·2*	- 3·4	29	-12
417	Winnipeg	49 53	97 7	232	986·0	1014·9	- 1·7	279·4	297·4	28th	268·8	258·6	19th	274·1	*273·7*	- 2·1	30	- 6
418	Duluth	46 47	92 6	345	971·1	1013·2	- 3·0	278·4	292·4	28th	269·1	260·8	8th	273·7	*273·3*	- 2·4	74	+22
420	Port Arthur	48 27	89 12	196	988·8	1013·3	- 3·2	278·0	289·1	27th	268·0	257·4	9th	273·0	*272·6*	- 1·4	43	+ 5
421	Chicago	41 47	87 35	205	988·3	1013·2	- 2·7	284·2	296·9	3rd	275·9	268·0	9th	280·1	*279·4*	- 1·5	59	-13
422	Toronto	43 40	79 24	116	999·0	1013·3	- 3·2	282·9	294·7	5th	274·0	267·7	16th	278·5	*278·0*	- 0·1	66	+ 8
423	∮New York (Central Park)	40 47	73 58	47·4	1008·6	1014·4	- 1·2	286·8	299·7	5th	277·3	271·3	16th	282·1	281·7	- 0·9	123	+37
424	St.John, N.B.	45 17	66 4	36·3	1008·1	1012·6	- 0·9	280·6	285·1	8th	272·8	266·9	1st	276·7	*276·4*	- 0·2	86	- 3
424a	S.W. Point, Anticosti Sable Island (Main Station)	49 24	63 33	9·1	1008·6	1009·8	- 2·9	274·1	279·1	5th,29th	269·7	263·6	1st,2nd	271·9	*272·3*	- 0·3	15	-30
		43 57	60 6	7·6	1014·0	1014·9	+ 1·1	279·1	283·0	29th,30th	274·1	270·2	1st,2nd	278·6	*276·5*	+ 0·6	136	+43
425	Port aux Basques	47 35	59 10	9·1	1010·8	1012·0	- 1·5	275·5	279·7	23rd	270·0	261·6	2nd	272·7	*272·7*	- 0·9	91	- 6
426	St. John's, Newfoundland	47 34	52 42	74·1	1002·7	1012·0	+ 0·3	..	..	..	..	..	..	273·8	..	- 0·8	108	- 1
435	Madrid	40 24	3 41	667	934·8	1012·5	- 2·8	288·6	294·2	4th	278·6	273·2	23rd	283·6	*282·8*	- 0·9	77	+40
436	Nantes	47 15	W. 1 34	36·5	1003·9	1008·3	- 6·3	287·1	293·6	28th	278·7	272·5	18th	282·9	282·9	0·0	96	+45
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1003·2	1009·3	- 4·6	288·7	297·3	26th	278·6	272·9	20th	283·6	283·4	+ 0·8	112	+68
438	Marseille	43 18	5 23	75	..	1009·2	- 2·6	291·3	297·2	5th	280·9	276·2	24th	286·1	*285·4*	- 0·3	69	+14
438a	Zürich	47 23	8 33	493	952·8	1011·0	- 3·4	288·1	298·6	10th	276·8	272·7	18th,24th	282·4	281·8	+ 0·2	79	-11
440	Rome	41 54	12 27	45·5	1005·1	1010·4	- 2·4	293·5	300·7	28th	283·8	280·0	9th	288·6	*288·5*	+ 1·8	52	-14
440a	Vienna	48 15	16 22	203	986·2	1010·6	- 3·0	287·0	295·6	29th	279·1	273·1	21st	283·0	282·8	- 0·1	40	-13
441	Budapest	47 31	19 1	130	995·3	1011·0	- 2·0	290·6	297·1	11th,29th	279·4	272·2	14th	285·0	284·6	+ 0·5	35	-23
442	Sofia	42 42	23 20	550	947·8	1011·9	- 1·4	290·8	298·1	29th	279·4	274·6	10th	285·1	*284·9*	+ 1·8	83	+31
	Bucharest	44 25	26 6	82	1002·3	1012·1	- 1·4	291·2	300·3	16th	280·4	273·8	19th	285·8	285·6	+ 1·4	62	+18
443	Odessa (Observatory)	46 26	30 46	42·8	1007·7	1013·0	- 2·0	285·8	296·2	17th	277·6	271·5	15th	281·7	*280·5*	- 1·1	29	+ 4
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1009·6	1014·1	- 0·7	288·8	299·0	28th	281·2	275·9	10th	285·0	*284·6*	+ 1·1	45	+ 1
445	Tiflis	41 43	44 48	404	968·6	1015·9	- 0·3	293·3	301·1	18th,23rd	281·8	274·0	11th	287·5	287·4	+ 3·0	37	-19
447	Astrakhan	46 21	48 2	-13·8	1020·2	1018·5	+ 1·2	..	..	..	..	..	..	..	*281·4*	- 0·4	6	- 6
448	Fort Alexandrovsk	44 31	50 7	-23·0	1020·4	1017·6	+ 1·6	..	..	..	..	..	..	..	*282·7*	- 0·1	18	+ 4
	Krasnovodsk	40 0	52 59	-4·6	1016·3	1015·7	+ 0·3	..	..	..	..	..	..	..	*287·8*	+ 1·1	6	-18
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	478	961·9	1018·0	+ 2·2	291·9	299·6	8th	280·7	272·2	28th	286·3	*286·4*	- 0·9	76	+22
451	Naryn skoe	41 26	76 13	2015	..	..	..	283·9	291·9	14th	273·4	264·1	3rd	278·7	*278·3*	- 1·1	68	+37
452	Alma Ata	43 16	76 53	841	921·4	1018·8	+ 1·4	288·1	296·0	11th	277·9	271·2	28th	283·0	*282·8*	..	131	+38
453	Moukden	41 48	123 23	43·8	1009·5	1014·8	+ 0·4	291·0	298·7	16th	277·2	268·9	2nd	284·1	283·7	+ 2·1	19	- 8
454	Joshin	40 40	129 11	31·9	1011·8	1015·7	+ 1·7	284·9	296·5	26th	275·8	271·6	4th	280·3	279·8	+ 0·2	0	-30
455	Yuki	42 20	130 24	63·8	1007·0	1014·9	+ 1·0	284·1	290·9	26th	274·6	270·9	3rd	279·3	278·8	+ 0·5	11	-20
456	Vladivostok	43 7	131 54	128	999·1	1015·0	+ 0·6	..	..	..	..	..	..	..	*277·9*	+ 0·4	12	-19
456a	Ochlai	47 20	142 47	27·4	1008·8	1012·2	+ 0·6	280·0	285·8	25th	270·3	264·0	7th	275·1	275·3	+ 1·6	17	-27
	Nemuro	43 20	145 35	26·7	1009·9	1013·2	- 0·5	281·4	288·0	28th	272·9	266·7	1st	277·1	276·5	+ 0·7	45	-28
	Syana	45 14	147 53	39·3	1007·6	1012·5	- 0·6	279·0	287·1	27th	271·5	262·1	1st	275·3	275·0	+ 0·6	59	- 6
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N. APRIL - ZONE 5 (AMERICA).

521	San Francisco	N. 37 48	W. 122 26	47·2	1012·1	1017·9	+ 0·1	291·1	299·7	7th	283·5	280·2	3rd	287·3	*286·6*	+ 1·9	33	- 7
522	Sacramento	38 35	121 30	21·0	1014·1	1016·6	+ 0·6	293·5	302·4	29th	281·2	276·3	4th	287·3	*287·5*	- 0·2	20	-17
523	San Diego	32 43	117 10	26·5	1011·9	1014·9	- 0·8	292·2	296·3	9th	284·4	281·3	5th	288·3	*288·0*	+ 0·7	4	-12
524	Modena	37 48	113 54	1668	830·7	1011·2	- 0·6	289·1	299·1	30th	271·4	262·4	9th	280·3	*280·7*	+ 0·1	0	-23
525	Santa Fé	35 41	105 57	2138	783·6	1009·8	- 1·2	287·1	298·6	30th	273·3	264·7	9th	280·2	*280·2*	- 1·2	41	+18
526	Denver	39 45	105 0	1613	833·4	1011·8	- 1·3	287·7	297·4	28th	273·7	261·9	8th	280·7	*280·9*	- 0·9	35	-19
527	Abilene	32 23	99 40	530	950·6	1011·2	- 2·1	297·9	310·2	29th	282·8	271·9	15th	290·3	*289·8*	- 0·5	24	-42
528	Saint Louis	38 38	90 12	173	993·2	1013·9	- 1·5	289·2	300·2	29th	279·4	270·2	15th	284·3	*284·3*	- 1·9	77	-19
529	Mobile	30 41	88 2	17·4	1013·8	1015·9	- 1·0	294·9	299·1	22nd	285·7	278·0	16th	290·3	*290·4*	- 1·6	174	+49
530	Nashville	36 10	86 47	166	995·9	1015·9	- 0·8	291·3	298·0	3rd	280·9	273·6	15th	286·1	*286·5*	- 1·8	82	-30
531	Charleston	32 47	79 56	14·6	1015·0	1016·6	- 0·4	295·0	301·3	25th	286·6	279·1	16th	290·8	*291·1*	+ 0·1	65	- 9
532	Washington	38 54	77 3	34·1	1010·7	1014·9	- 1·3	289·4	301·9	19th	278·7	271·3	16th	284·1	*283·9*	- 0·9	114	+32
534	Bermuda	32 17	64 46	46·0	1014·8	1020·2	+ 2·8	295·1	297·8	28th	287·8	283·7	19th	291·4	*291·6*	0·0	275	+172
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107.

APRIL - ZONE 5 (EUROPE, AFRICA, ASIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	♯Santa Cruz (Flores)	39 27	31 9	40	1013·5	1018·2	- 2·3	290·3	295·1	2nd	284·7	280·7	9th	287·5	287·6	- 0·6	81	-30
531	Horta	38 32	28 38	65	1010·5	1018·3	- 2·7	289·8	292·6	19th	285·2	282·2	8th	287·4	287·2	- 1·2	85	+ 9
532	Ponta Delgada	37 44	25 40	22	1015·2	1017·8	- 3·3	289·8	293·0	3rd	285·7	283·1	8th	287·7	287·7	- 0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	84	+48
533	Madeira (Funchal)	32 38	16 55	25	1015·0	1018·0	- 0·9	293·6	295·6	7th	288·9	287·5	9th	291·2	*291·2*	+ 2·0	97	+61
535	Lisbon	38 43	9 9	95	1001·7	1013·1	- 2·7	289·3	294·0	23rd	283·7	281·6	10th	286·5	286·2	- 1·0	87	+35
535a	Melilla	35 17	2 59	40	1009·3	1014·1	..	292·3	295·3	10th	288·4	283·4	4th	289·3	*289·2*	+ 0·1	11	-25
536	Gibraltar	36 6	5 21	16·2	..	1014·3	- 2·3	292·1	294·7	18th	285·3	283·6	17th	288·7	*288·3*	- 0·4	43	+17
536a	Colomb-Béchar	31 36	W. 2 4	769	925·1	1010·7	..	300·0	306·0	18th	284·4	279·0	29th	292·2	*292·4*	+ 0·4	1	..
537	Palma	39 34	E. 2 39	23	1008·1	1010·8	- 4·0	292·4	296·6	9th	284·9	276·6	4th	287·1	*287·1*	- 0·9	83	+47
538	Algiers (Bouzaréah)	36 48	3 2	342	972·0	1012·2	- 2·2	290·8	302·4	9th	284·3	279·5	23rd	287·6	287·3	+ 0·9	37	-13
538a	Gadames	30 9	9 30	351	..	..	..	307·8	317·0	21st	288·8	279·2	25th	298·2	..	+ 2·9	0	-14
539	Tunis	36 48	10 10	75	1004·1	1013·0	..	293·9	304·7	19th	283·9	279·5	25th	288·9	*288·5*	+ 0·7	84	+44
539a	Malta	35 54	14 31	**	..	1011·7	- 1·2	292·9	299·7	20th	286·3	283·0	3rd	289·6	*288·8*	+ 0·5	68	+16
540	Riposto	37 41	15 14	14·2	..	1013·2	- 2·0	292·6	301·0	20th	284·3	280·4	3rd	288·5	*288·5*	+ 0·3	117	+71
541	Athens	37 58	23 43	107	999·4	1012·0	- 1·3	294·8	302·2	12th	286·5	280·8	4th	290·7	290·1	+ 2·3	7	- 3
542	Alexandria	31 12	29 53	32·0	1010·0	1013·8	- 0·3	300·3	315·3	23rd	289·7	285·4	8th	295·0	*293·8*	+ 2·4	0	- 3
543	Ankara (Angora)	39 58	32 48	861	914·1	1011·6	- 2·5	293·7	304·6	23rd	279·0	272·1	10th	286·3	*286·9*	..	10	-13
543a	Nicosia (P.W.D.)	35 9	33 22	159	993·8	1011·9	- 0·1	299·7	313·6	23rd	284·1	280·2	3rd	291·9	..	+ 2·2	9	-36
544	Beirut	33 54	35 28	33·7	..	1013·3	- 0·1	297·3	310·7	26th	289·5	285·6	1st	293·4	*293·2*	+ 2·2	6	- 2
545	Hinaidi	33 17	44 29	32·3	1006·3	1010·0	- 2·0	306·9	316·3	24th	289·1	282·4	3rd	298·0	*298·2*	+ 3·6	2	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	298·9	305·6	25th	286·5	277·9	4th	292·2	*292·5*	+ 3·8	36	-36
548	Meshed	36 17	59 38	946	875·7	..	..	296·3	304·1	24th	282·2	276·8	18th	289·3	..	+ 2·8	9	- 3
549	Seistan	31 0	61 30	610	..	..	..	306·6	310·1	8th	290·0	283·8	19th	298·3	..	+ 4·0	0	- 4
550	Quetta	30 12	67 0	1673	833·9	..	+ 1·1	300·3	304·9	15th	280·6	275·2	19th	290·5	*290·8*	+ 2·2	5	-32
551	Peshawar	34 2	71 37	339	971·1	1009·6	- 0·8	304·7	309·9	13th	289·8	283·7	1st	297·3	*297·1*	+ 1·6	17	-15
551a	Lahore	31 34	74 20	214	982·9	1007·2	- 0·5	308·1	314·9	29th	292·3	284·9	2nd	300·2	*300·2*	0·0	19	-16
552	Simla	31 7	77 8	**2202	781·4	..	+ 0·4	292·0	296·3	29th	283·3	277·4	8th	287·7	*288·0*	- 0·4	79	+ 1
552a	Leh	34 10	77 42	3503	668·2	..	+ 1·9	286·8	291·3	14th	272·5	266·1	11th	279·7	*279·1*	+ 0·6	8	- 3
559	Hankow	30 35	114 17	37·0	1010·5	1014·9	- 0·6	296·7	304·3	7th	287·5	280·6	3rd	292·1	*291·5*	+ 2·1	134	+43
560	Tientsin	39 9	117 9	6·4	1014·2	1014·9	- 0·4	294·3	303·0	10th	280·8	272·9	3rd	287·5	*287·3*	+ 1·2	33	- 3
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1014·8	1015·4	- 0·1	293·5	299·5	18th	282·7	273·9	5th	288·1	287·2	+ 0·7	82	-38
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1008·8	1017·0	+ 1·7	289·4	293·6	15th	279·7	276·0	3rd	284·6	283·9	+ 1·4	27	-51
562a	Nagasaki	32 44	129 52	133	999·6	1015·4	0·0	293·1	299·0	29th	283·7	278·7	5th	288·4	287·8	+ 0·4	151	+71
563	Kyoto	35 1	135 44	42·9	1011·0	1016·2	+ 0·8	292·5	301·7	30th	279·1	272·4	25th	285·8	285·5	+ 0·3	98	+18
564	Tokyo	35 41	139 46	5·8	1014·7	1015·4	0·0	290·2	298·1	30th	280·7	274·8	25th	285·5	285·5	0·0	170	+71
565	Hukusima	37 45	140 28	68·5	1007·6	1015·9	+ 0·7	290·2	299·8	30th	277·8	273·1	6th	284·0	283·8	+ 0·4	96	+31
566	Miyako	39 38	141 59	30·4	1010·9	1014·6	- 0·1	288·1	297·5	26th	275·7	270·6	2nd	281·9	281·4	+ 0·2	108	+43

APRIL - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1018·7	1019·3	- 0·8	295·1	299·7	17th	288·8	285·8	12th	291·9	*291·5*	- 0·9	45	-47
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	- 0·6	299·1	299·7	24th	293·9	292·4	6th	296·5	*296·4*	+ 0·7	96	+39
613	Guaymas	27 55	110 53	8·3	1011·1	1012·1	..	300·9	306·4	27th	290·0	287·0	12th	295·5	*29 ·9*	- 1·9	17	- 2
615	Leon	21 7	101 41	1809	819·7	1007·1	- 1·1	303·3	307·7	19th	283·3	278·6	10th	293·3	*293·0*	- 1·4	9	- 5
616	Monterry	25 40	100 18	528	950·7	1009·9	- 0·9	302·2	311·5	21st	287·2	278·5	10th	294·7	*294·9*	- 0·6	5	- 6
617	Tulancingo	20 5	98 22	2181	788·1	..	- 1·3	300·2	305·5	sev.dates	282·5	276·0	16th	291·3	*290·1*	- 0·1	36	+14
618	Galveston	29 18	94 50	16·5	1012·8	1014·9	- 0·6	293·5	299·7	22nd	287·6	278·0	15th	290·6	*290·7*	- 2·7	120	+67
618a	New Orleans	29 57	90 4	16·2	1013·5	1015·6	- 0·3	296·2	302·4	20th	287·2	280·8	15th	291·7	*291·6*	- 1·5	..	..
619	Mérida, Yuc.	20 58	89 38	22	1010·3	1012·8	- 1·2	304·7	310·0	22nd	294·5	290·6	3rd	299·6	*298·8*	- 0·4	32	-20
620	Havana	23 7	82 25	77·0	1005·9	1014·8	- 1·3	301·6	304·8	25th,27th	293·8	290·2	2nd	297·7	297·2	..	22	- 2
620a	Key West	24 33	81 48	6·7	1015·2	1015·9	- 0·5	300·3	303·6	26th	294·6	289·7	29th	297·5	*296·9*	+ 0·2	44	+20
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·6	+ 0·4	299·9	304·1	24th	294·3	290·6	29th	297·1	*297·0*	+ 0·2	69	+45
622	Watling Island	24 6	74 26	33·5	1014·1	1018·0	+ 0·6	..	300·8	25th,26th	..	295·2	1st	..	*298·1*	- 0·1	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	297·9	304·0	29th	290·4	289·0	6th	294·1	*292·7*	..	10	- 5
634m	Izaña	28 19	16 30	2367	765·7	..	- 0·9	284·2	290·4	24th	275·5	270·2	27th	279·9	*279·6*	+ 0·3	57	+27
634	La Laguna	28 28	16 20	547	952·9	1016·5	- 0·8	290·6	293·4	15th	284·1	281·9	10th	287·3	*286·8*	- 0·1	0	- 3
636	Adrar	27 38	W. 0 4	285	979·6	1011·9	..	308·2	313·4	18th	288·8	283·8	3rd	298·5	*300·9*	..	..	..
638	Laperrine	22 36	E. 5 26	1350	..	..	..	304·6	307·1	25th	288·5	282·0	2nd	296·6	*298·9*	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	..
642	Siwa	29 12	25 29	-23	1016·2	1013·5	0·0	..	..	..	286·3	281·4	7th	..	..	..	4	- 4
643	Cairo (Helwan)	29 52	31 20	116	999·4	1012·7	- 0·6	304·8	317·9	24th	288·9	283·1	1st	296·8	*296·8*	+ 2·7	0	- 2
643a	Aswan	24 2	32 53	100	999·0	1010·0	- 0·9	310·4	317·0	25th	292·1	287·2	7th	301·2	*300·8*	+ 1·7	..	..
644	Tor	28 14	33 37	1·9	1010·3	1010·6	- 0·5	301·7	311·4	24th	289·9	284·0	2nd	295·8	*295·8*	+ 1·2	0	- 2
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. **Malta. Height changed from 56·4m. to 71·2m. from April 21st. **Simla. Height changed from 2204m. to 2202m. from April 1st. ♯Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. APRIL - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1008·4	1009·0	..	302·9	310·9	28th	295·2	289·6	19th	299·1	*298·4*	+ 2·7	0	-12
648	Jask	25 45	57 45	4·0	1006·9	1007·3	..	304·7	308·3	9th	295·7	292·7	21st	300·2	*299·5*	+ 0·8	0	- 5
649	Karachi	24 53	66 57	4·0	1008·6	1009·1	- 0·4	303·9	309·2	7th	297·4	292·1	2nd	300·7	*300·0*	+ 1·4	0	- 4
650	Jacobabad	28 17	68 29	56·7	1001·0	1007·3	- 0·3	313·4	319·1	14th	295·1	288·8	19th	304·3	*303·8*	+ 2·0	8	+ 3
651	Jalpur	28 56	75 52	436	960·3	1008·2	+ 0·2	311·4	315·8	29th	293·8	288·2	2nd	302·6	*302·6*	- 0·6	0	- 4
652	Nagpur	21 8	79 5	310	973·8	1007·9	- 0·2	313·4	316·4	30th	296·6	292·3	2nd	305·0	*304·8*	- 0·3	0	-14
653	Allahabad	25 25	81 51	94·2	996·6	1007·1	- 0·3	311·8	318·2	30th	295·2	290·4	9th	303·4	*303·1*	- 0·3	21	+17
654	Darjeeling	27 3	88 15	2265	776·3	..	+ 0·7	291·0	293·6	6th,28th	283·1	279·9	9th	287·1	*287·4*	+ 1·0	109	+11
655	Calcutta	22 32	88 20	6·4	1007·7	1008·4	+ 0·2	308·6	313·4	26th	297·3	292·3	9th	302·9	*302·6*	+ 0·1	81	+33
656	Gauhati	26 8	91 41	59·7	1003·5	1010·2	+ 0·1	305·4	310·0	27th	292·6	289·5	3rd	299·0	*297·9*	+ 1·2	126	-42
656a	Cherrapunji	25 15	91 42	1313	869·1	..	+ 0·9	295·9	300·2	27th	288·6	283·2	29th	292·3	*291·6*	+ 1·7	196	-520
656b	Akyab	20 11	92 56	6·1	1008·8	1009·5	- 1·0	305·8	309·2	24th	296·4	293·7	12th	301·1	*300·8*	- 0·4	2	-50
656c	Mandalay	21 59	96 0	78·2	1000·2	1008·6	- 0·5	310·9	313·6	24th	298·2	294·1	5th	304·6	*304·1*	- 0·7	76	+47
657	Tengyueh	25 2	98 33	1626	835·7	1008·4	..	297·0	299·7	26th	282·3	278·6	4th	289·7	*289·3*	+ 1·3	37	-38
658	Pha Lien	20 48	106 38	116	..	1010·7	+ 0·2	300·2	307·6	29th	293·6	288·7	3rd,4th	296·9	296·1	+ 0·7	102	+31
659	Moncay	21 31	107 51	9·0	..	1010·8	0·0	300·2	306·8	14th	293·4	288·1	4th	296·8	*296·0*	+ 1·1	217	+115
660	Hongkong	22 18	114 10	33·2	..	1012·4	- 0·2	297·2	303·2	30th	292·9	288·7	3rd	295·1	294·6	+ 0·4	104	-40
661	Amoy	24 26	118 4	4·9	..	..	..	295·7	299·7	23rd	290·3	284·7	30th	293·0	292·8	+ 0·2	93	-33
661a	Taihoku, Formosa	25 2	121 31	9·3	1012·7	1013·8	- 0·3	297·7	304·9	30th	289·9	285·1	16th	293·8	293·4	- 0·2	105	-66
662	Basco	20 28	121 59	18·7	..	1011·1	0·0	301·2	304·7	30th	295·7	292·3	17th	298·5	298·8	- 0·2	39	-66
663	Naha	26 12	127 39	29·5	1010·6	1014·1	- 0·4	295·5	298·6	29th	290·2	286·0	24th	292·9	292·8	- 1·1	123	-40
664	Titizima (Bonin Islands)	27 5	142 11	4·1	1014·0	1014·5	- 1·3	295·5	297·7	15th	288·9	284·5	21st	292·2	292·3	- 1·2	156	+36
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. APRIL - ZONE 7.

715	Colima	N. 19 12	W. 103 45	498	955·8	1011·4	+ 0·4	306·7	308·7	2nd	288·3	284·3	12th	297·7	*296·9*	- 0·6	0	0
716	Morelia	19 42	101 7	1923	808·4	1006·8	- 0·5	298·5	302·3	23rd	284·7	280·1	14th	291·6	*291·8*	0·0	2	- 8
717	Mexico, Tacubaya	19 24	99 12	2309	773·5	..	- 0·7	300·2	303·9	23rd	281·2	277·2	12th	290·7	290·0	+ 0·2	4	-16
718	Salina Cruz	16 12	95 12	56	1004·0	1010·4	- 1·1	303·2	307·5	27th	296·1	292·5	6th	299·7	*300·1*	- 0·4	31	+24
719	San Salvador	13 42	89 13	682	936·8	1011·5	- 0·3	307·3	310·0	18th	288·5	289·4	7th,18th	297·9	*297·9*	+ 0·6	9	-49
720	Belize	17 31	88 11	5·2	1013·5	1014·2	+ 0·7	..	..	..	296·3	290·2	29th	..	‡*298·5*	- 0·7	107	+50
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·3	+ 0·5	303·2	305·2	21st	293·8	292·4	9th	298·5	*298·5*	- 0·1	135	+61
722	Port au Prince	18 33	72 20	37·4	1010·5	1014·8	+ 0·1	305·2	308·2	30th	295·0	293·6	4th	300·1	*299·4*	+ 0·3	122	-42
723	Caracas	10 30	66 56	1042	898·7	1011·8	- 0·4	300·0	302·0	25th	288·8	286·4	1st	294·3	*295·1*	+ 2·0	4	-36
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·2	1016·2	+ 0·3	300·2	303·6	28th	294·5	292·4	17th	297·3	*297·0*	- 0·5	21	-77
724a	Grenada (Richmond Hill)	12 5	61 48	188	991·5	1013·2	+ 0·3	303·0	305·2	7th	296·5	295·2	1st	299·7	*299·3*	+ 0·6	42	-13
725	Barbados	13 8	59 36	55·2	..	1014·4	+ 0·1	303·3	304·4	19th	295·6	293·9	5th	299·5	*299·4*	+ 0·6	14	-26
726	São Vicente, C. Verde Is.	16 54	25 4	11	1013·1	1014·4	- 0·1	296·2	297·0	21st,22nd	292·9	292·0	7th	294·5	*294·9*	- 0·1	0	0
727	♯Sau Tiago, C. Verde Is.	14 54	23 31	34	1009·8	1013·7	- 0·6	299·8	302·0	8th,9th	292·9	291·0	10th	296·4	*296·7*	+ 0·1	0	- 1
728	Dakar	14 40	17 26	32	1007·3	1011·0	..	298·0	301·3	18th	291·6	290·4	11th	294·8	*293·7*	- 1·2	0	0
729	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	298·1	301·3	7th	292·5	290·8	10th	295·3	*295·1*	- 2·4	0	..
730	Niéniébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
731	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
732	Sokoto	13 2	E. 5 14	353	..	..	..	314·9	317·4	17th,21st	298·2	291·9	5th	306·6	*306·2*	+ 0·5	0	-10
733	Kaduna Capital	10 32	7 25	?637	..	..	..	307·6	310·2	17th	..	..	..	..	‡*298·3*	- 1·6	53	-25
734	Hadeija	12 40	10 5	?	..	..	..	314·3	316·3	21,23,25	..	..	..	..	..	..	3	- 4
735	Maiduguri	11 47	13 11	361	..	..	..	315·9	318·0	21,22,23	296·3	290·8	6th	306·1	*305·7*	- 0·1	0	-10
736	El Fasher	13 32	25 18	730	925·4	1005·8	..	311·8	314·5	17th	291·3	284·5	10th	301·6	*300·4*	- 0·1	2	+ 2
737	♯El Obeid	13 11	30 14	563	944·7	1006·3	+ 0·3	311·6	315·0	18th	295·0	286·8	7th	303·3	*302·1*	+ 0·4	16	+15
738	Khartoum	15 37	32 33	390	963·1	1005·8	- 0·5	313·5	317·4	17th	297·9	291·0	10th	305·7	*305·9*	+ 1·7	0	0
739	Port Sudan	19 37	37 13	5·5	1009·0	1009·6	- 0·3	305·4	308·1	20th	295·3	290·4	3rd	300·4	*300·3*	+ 1·0	0	- 1
740	Berbera, Somaliland	10 22	45 2	13·8	1007·5	1009·1	- 1·3	304·1	304·7	sev.dates	297·7	294·1	26th	300·9	*300·9*	- 0·5	0	-12
741	Aden	12 45	45 3	28·7	1007·6	1010·8	- 0·5	304·8	307·3	19th	298·1	296·2	1st	301·4	*300·4*	- 0·1	0	- 5
742	Bombay	18 54	72 49	11·3	1008·7	1010·0	- 0·7	305·7	307·4	13th	298·4	296·9	1st	302·1	301·7	+ 0·7	0	- 1
743	Kodaikanal	10 14	77 28	2343	771·7	..	0·0	293·9	295·8	28th,28th	284·7	283·0	12th	289·3	*288·8*	+ 0·1	185	+77
744	Bangalore	12 59	77 38	921	909·8	1008·4	- 0·3	308·2	310·6	22nd	294·3	291·4	1st	301·3	*300·7*	+ 1·1	10	-24
745	Madras	13 4	80 14	6·7	1008·2	1009·0	- 1·1	307·4	314·1	19th	298·7	296·3	6th	303·1	*302·6*	+ 0·6	2	-12
746	Vizagapatam	17 42	83 19	11·6	1007·6	1009·0	- 0·6	304·9	307·7	19th	299·0	294·6	14th	301·9	*301·3*	- 0·8	49	+31
747	Port Blair	11 40	92 40	18·0	1007·5	1009·7	- 1·2	304·1	305·3	23rd	298·7	297·2	16th	301·4	*300·8*	- 1·2	129	+66
748	Rangoon	16 46	95 48	5·5	1009·2	1009·8	- 0·9	307·8	310·8	9th	298·0	296·1	27th	302·9	*301·6*	- 0·7	113	+72
749	Cap St. Jacques	10 20	107 5	180	..	1009·8	..	303·6	307·2	9th	297·3	294·8	27th	300·5	*300·1*	- 0·9	158	+130
750	Whatrang	12 15	109 12	3·6	..	1009·2	..	303·6	305·2	4th	296·7	295·4	4th	300·2	*299·7*	- 0·1	94	+75
751	Bolinao	16 23	119 53	2	..	1008·6	- 0·3	306·9	309·5	18th,25th	297·1	295·3	2nd	302·0	*301·6*	0·0	35	0
752	Vigan	17 34	120 23	12·2	..	1008·7	- 0·4	305·7	307·3	22nd	298·2	294·6	15th	301·9	301·4	+ 0·1	22	+ 5
753	Manila	14 35	120 59	14·2	..	1009·4	- 0·5	307·1	309·1	20th	296·3	293·6	19th	301·7	301·0	- 0·1	33	+ 1
754	Ormoc	11 0	124 38	5·6	..	1008·2	- 0·6	306·1	307·4	27th	295·6	293·7	2nd	300·9	*300·5*	+ 1·0	121	+46
755	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·1	- 0·3	304·7	308·8	27th	298·6	297·4	14,15,16	301·7	*301·8*	+ 1·8	13	-38
756	Saipan	15 14	145 46	207	987·7	1007·9	..	301·7	302·8	23rd	296·5	295·1	10th	299·1	298·7	..	63	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111. ♯Change of normals, see pages 110 and 111.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54 N.	159 23 W.	5·3	1010·2	1010·9	+ 0·1	303·9	307·4	11th	..	..	..	..	‡301·1	0·0	297	-47
821	Cristobal	9 23	79 23	11·0	..	1010·4	- 0·8	304·5	305·8	25th	298·6	296·3	7th	301·6	300·9	+ 1·6	22	-57
822	Bogota	4 36	74 5	2645	745·9	..	..	292·3	295·2	29th	283·9	282·0	15th	288·1	287·4	..	73	-71
822a	♯Merida, Venez.	8 36	71 9	1641	‡841·3	..	..	297·1	299·9	17th	288·4	287·2	2nd	292·8	292·6	- 0·1	192	+62
823	Ciudad Bolivar	8 9	63 33	38	1006·6	1010·9	..	305·9	307·2	27th	296·6	295·2	27th	301·2	300·6	- 0·4	7	-15
824	El Peru, Guayanavieja	7 19	61 49	220	985·4	1010·3	- 0·5	302·9	304·5	19th	294·9	292·9	30th	298·9	298·4	- 0·2	95	+46
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·1	- 0·5	302·0	302·4	sev.dates	297·7	296·9	3,13,20	299·8	299·4	0·0	88	-35
826	Paramaribo	5 49	55 9	3·7	..	1011·9	- 1·0	304·1	305·2	4th,9th	296·1	294·9	11th	300·1	299·3	+ 0·4	262	+83
826a	Cayenne	4 56	52 21	6	..	..	..	300·5	302·5	2nd	298·3	297·0	21st	299·4	298·4	- 0·3	684	+251
										Sea Temp.								
831	10°-5°N. 30°-25°W.	††7 4	††28 3	§(93-131)	..	1012·7	+ 0·5	..	..	298·4|-0·5	..	..	..	..	298·1	- 0·7	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	65	-36
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·7	1011·3	+ 0·5	304·2	306·9	17th	297·0	294·7	11th	300·6	299·8	- 0·4	87	-48
835	Assuantsi	5 18	1 15	101	..	..	..	303·9	306·3	25th	..	..	..	..	..	..	91	-21
836	Accra	5 33	W. 0 12	18·0	1007·9	1009·7	0·0	303·6	306·6	20th	297·3	294·4	3rd	300·4	300·0	- 0·3	91	..
837	Lagos	6 27	E. 3 24	3·0	1008·0	1008·3	- 1·1	303·9	304·8	25th	297·9	294·1	28th	300·9	300·5	- 0·3	177	+82
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	303·5	305·2	..	294·1	288·6	..	298·8	298·2	..	195	-38
839	Yola	9 12	12 30	259	..	..	..	310·7	313·0	5th	296·2	293·6	30th	303·5	302·9	- 1·2	42	-98
841	Wau	7 42	28 3	440	..	..	..	..	..	..	295·3	293·0	11th,16th	..	301·0	- 0·6	92	..
843	♯Malakal (Kodok)	9 35	31 37	394	963·5	1007·0	+ 0·3	309·6	313·2	14th	296·3	292·9	9th	303·0	301·5	- 1·1	200	+157
843a	♯Mongalla	5 11	31 47	448	957·6	1007·9	- 0·6	?308·4	?314·4	2nd	295·8	292·0	7th	?302·1	?300·2	- 0·1	182	+137
844	Entebbe	0 5	32 29	1171	883·7	1010·0	+ 0·2	298·4	300·8	2nd	296·8	289·1	17th	294·6	294·0	- 0·3	423	+74
845	Sheikh	9 55	45 15	1463	..	..	..	300·9	304·7	16th,17th	286·2	283·0	sev.dates	293·6	..	..	98	..
851	Minicoy	8 17	72 49	2·1	1009·9	1010·1	- 0·4	305·6	306·3	8th	298·8	295·2	21st	302·2	301·6	..	1	-59
851a	Cochin	9 58	76 21	2·7	1009·7	1010·1	- 0·5	..	..	..	299·0	295·4	15th	..	‡301·8	- 0·3	138	-29
852	♯Colombo Observatory	6 54	79 52	7·3	..	1008·7	+ 0·1	303·7	304·8	25th	297·5	295·1	7th	300·6	300·0	0·0	228	-44
853	♯Nuwara Eliya	6 58	80 46	1886	..	..	..	295·2	298·2	19th	283·8	280·8	16th,17th	289·5	288·5	+ 1·1	194	-56
854	♯Trincomalee	8 35	81 15	30·2	..	1007·4	- 0·5	305·2	308·7	17th	298·4	295·4	8th	301·8	301·2	+ 0·4	83	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	- 0·6	..	..	..	..	..	..	..	..	..	124	+47
856	Medan	3 35	98 41	25·0	..	1008·6	- 0·8	303·7	306·0	27th	296·1	294·6	25th	299·9	299·2	- 0·1	107	-28
857	Penang	5 34	100 20	5·0	..	..	..	306·8	307·4	28th	295·1	294·7	26th	300·9	300·1	- 0·3	298	+128
858	Singapore	1 18	103 51	10·9	1007·7	1008·9	- 0·3	304·2	305·9	18th	296·7	295·2	23rd	300·4	299·9	- 0·2	227	+68
859	Sandakan	5 50	118 7	31·7	..	..	..	304·6	305·2	sev.dates	297·1	295·2	5th	300·8	300·4	- 0·1	202	+77
860	Iwahig	9 44	118 38	14·3	..	1008·0	- 0·4	305·2	306·9	14th	296·0	294·0	15th	300·6	300·3	0·0	161	..
861	Tagbilaran	9 38	123 51	21·3	..	1008·3	- 0·8	305·0	308·3	23rd,30th	296·9	295·5	27th	300·9	300·2	+ 0·2	204	+138
861a	Menado	1 30	124 50	8·5	..	1008·5	- 0·7	303·0	304·5	15th	296·2	295·1	7th	299·6	299·1	0·0	223	+62
862	Surigao	9 48	125 29	6·0	..	1009·2	- 0·2	303·2	305·5	23rd	297·2	296·0	1st,2nd	300·2	299·8	+ 0·2	391	+252
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·1	+ 0·4	303·5	305·0	14th	298·7	297·0	13th	301·1	300·6	+ 0·4	144	-48
864	Palau	7 20	134 29	31·8	1005·7	1009·3	..	304·1	305·1	28th	298·1	296·7	13th	301·1	300·6	..	155	..
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·7	..	302·4	304·1	14th	297·2	295·1	7th,30th	299·8	299·5	..	699	..

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	303·1	306·2	9th	295·5	294·2	16th	299·3	298·9	..	346	+59
926	♯Taperinha	2 30	54 20	21·5	1008·7	1011·1	- 0·4	303·2	305·1	21st	296·2	294·9	23rd	299·7	298·6	+ 0·5	283	-38
927	Turyassu	1 43	45 26	9·1	1009·5	1010·6	+ 0·1	303·8	305·9	14th	294·8	293·6	12th	299·3	298·4	+ 0·2	397	-39
928	Barra do Corda	5 30	45 16	81·0	999·4	1008·7	- 1·5	304·7	306·2	17th	295·2	293·9	18th,28th	300·0	299·6	+ 0·5	90	-129
929	♯Quixeramobim	5 16	39 15	207	988·3	1011·8	+ 0·3	301·8	303·4	23rd	297·4	295·8	1st	299·6	299·5	- 0·2	132	-102
930	Fernando Noronha	3 50	32 25	106	999·2	1011·1	- 0·3	300·1	301·0	1st	297·5	295·8	7th	298·8	298·9	- 0·2	211	..
										Sea Temp.								
930a	5°-10°S. 35°-30°W.	††7 22	††33 47	§(42)	..	1012·3	..	..	..	300·7|+0·1	..	..	..	..	300·4	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1011·1	1013·0	+ 0·1	303·6	304·7	3,4,14	297·7	296·9	sev.dates	300·6	299·7	+ 0·2	25	-69
939	Loanda	8 49	E. 13 13	51	..	1010·1	- 0·5	302·1	304·0	19th	296·9	295·3	14th	299·5	299·1	+ 0·2	172	-61
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	301·3	305·2	1st,13th	288·1	286·3	14th,18th	294·7	..	..	173	-77
944	Nairobi (Dept. Agric.)	1 16	36 50	1875	..	..	..	300·2	304·1	5th	288·0	284·7	13th	294·1	..	..	114	-120
944a	Zanzibar	6 10	39 11	17·1	1010·8	1012·7	- 0·5	302·4	304·8	12th,13th	298·6	297·2	30th	300·5	299·9	+ 0·3	265	+58
945	Lamu	2 16	40 50	3·0	..	..	..	303·6	304·7	sev.dates	299·1	295·2	17th	301·3	300·9	+ 0·2	36	-178
947	Seychelles, Port Office	4 37	55 27	4·6	1009·7	1010·1	- 0·5	304·4	305·4	17th	297·4	296·1	28th	300·9	300·2	+ 0·2	374	..
957	Padang	0 56	100 22	6·7	..	1009·6	- 0·6	303·9	305·4	20th	297·2	296·4	4th	300·5	300·0	+ 0·3	324	+77
958	Batavia	6 11	106 50	8·0	1007·8	1008·7	- 0·6	303·9	305·9	30th	296·7	295·3	24th	300·3	299·8	+ 0·4	177	-18
958a	Pontianak	0 1	109 20	2·6	..	1008·4	- 1·3	305·7	307·7	23rd	297·5	296·2	5th	301·6	300·4	+ 0·7	168	-28
959	Pasuruan	7 38	112 55	5·0	..	1008·9	- 0·8	304·0	305·9	18th	296·9	294·9	28th	300·5	300·1	+ 0·3	216	-14
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	242	..
962	Amboina	3 42	128 10	4·2	..	1007·6	- 1·3	303·0	305·0	2nd	297·7	297·0	29th	300·3	299·8	+ 0·5	222	-59
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	237	-44
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	376	+98
966	Port Moresby	9 29	147 9	38·4	..	..	..	302·2	..	..	296·8	..	..	299·5	299·2	- 0·4	32	-246
967	Rabaul	4 9	152 12	12·5	1006·3	1009·4	- 0·5	304·7	..	..	297·4	..	..	301·1	300·6	+ 0·7	..	..
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	306·7	307·2	27th	296·0	294·8	5th	301·3	300·6	+ 0·7	264	..
970	Ocean Island	0 52	169 35	42·6	1004·5	1009·3	- 0·9	?304·4	?305·8	15th	?297·8	?296·4	26th	?301·1	?300·8	+ 0·4	20	-214
								305·4	306·9	7th	298·8	298·0	10,25,30	302·1	301·4	+ 1·0		
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see page 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
12000	Apia, Samoa	13 48	171 46	2·0	..	1009·6	- 0·2	303·1	304·2	3,6,9	297·1	295·1	30th	300·1	299·9	+ 0·4	287	+29
12001	Alofi, Niue Island	19 2	169 55	19·8	..	1013·3	+ 0·5	301·9	304·1	1st,2nd	295·7	292·4	29th	298·8	298·5	0·0	66	-132
12002	Lima	12 5	77 3	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12003	Tacna	18 0	70 18	560	..	..	..	303·4	307·0	17th	286·3	283·0	11th	294·9	292·7	+ 0·5	0	- 2
12004	Corumba	18 59	57 39	116	996·8	1009·9	- 0·8	306·5	309·4	20th	294·3	290·4	13th	300·4	299·4	+ 1·5	21	-80
12005	Cuyaba	15 36	56 6	165	991·1	1009·8	- 0·4	307·0	309·5	5th	295·3	293·0	24th	301·2	299·6	+ 1·4	89	-13
12006	Bello Horizonte	19 55	43 57	895	914·7	1012·6	- 0·2	302·4	304·0	10th,25th	290·4	287·8	28th,28th	296·4	295·3	+ 1·8	25	-35
12007	Caetite	14 3	42 37	897	915·9	1014·2	+ 0·8	301·3	304·2	10th	290·5	288·8	22nd	295·9	295·5	+ 0·1	14	-47
12008	Ondina (Bahia)	13 0	38 31	46·6	1007·1	1012·4	- 0·4	302·3	303·4	9th	296·4	295·0	29th	299·4	299·1	+ 0·4	97	-192
12009	Aracaju	10 55	37 3	6·1	1013·2	1014·0	+ 0·6	302·5	303·7	4th,10th	296·6	294·3	9th	299·6	299·3	..	77	+33
										Sea Temp.								
12010	15°-20°S. 40°-35°W.	††17 26	††38 41	§(53)	..	1015·0	..	..	..	300·4|+0·6	..	..	..	..	..	..	..	..
12010a	10°-15°S. 40°-35°W.	††12 36	††36 34	§(48)	..	1014·2	..	..	..	300·5|+0·3	..	..	..	..	300·2	..	..	..
12038	St. Helena	15 57	W. 5 40	579	946·4	1012·9	0·0	292·4	294·1	11th,30th	288·7	287·4	30th	290·6	290·5	- 0·9	66	..
12039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	306·9	23rd	..	288·0	2nd	..	296·4	- 0·5	7	..
12041	Livingstone	17 51	25 51	972	908·0	1013·8	..	303·6	308·4	6th	288·8	281·8	26th	296·2	..	..	30	..
12041a	Elisabethville	11 39	27 28	1236	878·5	1011·6	+ 1·4	..	..	..	..	..	..	..	..	..	7	..
12042	Gwelo	19 26	30 2	1411	..	..	..	299·8	306·3	6th	284·3	278·0	25th	292·1	..	+ 0·6	8	-11
12043	Salisbury (Dept. Agric.)	17 48	31 5	1489	855·2	1015·2	+ 0·2	298·2	301·3	6th	284·8	279·7	25th	291·5	290·6	- 0·2	13	-12
12044	Zomba	15 23	35 18	955	908·7	1013·8	+ 0·4	298·6	301·9	1st,7th	289·5	286·3	28th	294·1	293·5	+ 0·4	119	+26
12045	Mossuril	14 57	40 40	15	..	1012·6	..	304·9	306·3	2nd,6th	295·4	293·1	28th	300·1	299·7	..	34	..
12046	Antananarivo	18 55	47 33	1375	864·3	1011·6	- 0·8	298·7	301·2	13th	287·4	284·5	6th	293·0	292·6	+ 1·3	72	+22
12065	Cocos, Keeling Is.	12 5	96 53	4·6	1010·3	1010·9	- 1·9	302·9	305·1	4th	298·4	295·6	11th	300·7	300·3	+ 0·3	396	+148
12067	Christmas Island	10 25	105 43	5·5	1006·8	1007·5	- 0·5	303·6	306·3	15th	297·7	295·8	25th	300·7	300·1	- 0·1	275	+73
12081	Kupang	10 10	123 34	45·1	..	1010·2	+ 0·3	304·2	306·4	12th	295·9	293·0	25th	300·1	299·5	+ 0·1	140	+76
12082	♯Derby	17 18	123 40	16·2	1008·5	1010·3	- 1·1	309·0	312·4	12th	297·8	294·7	25th	303·4	..	+ 1·8	13	-28
12083	♯Hall's Creek	18 13	127 46	373	969·2	1010·0	- 2·3	309·4	312·4	1st	294·6	286·6	20th	302·0	301·5	+ 3·6	11	- 9
12084	♯Darwin	12 28	130 51	29·6	1005·5	1008·9	- 0·2	306·6	308·6	8th	298·4	295·8	29th	302·6	301·3	+ 0·8	36	-67
12085	♯Daly Waters	16 16	133 23	211	985·9	1009·4	- 1·2	308·8	311·3	27th	292·9	288·0	30th	300·9	300·4	+ 1·1	9	-17
12086	♯Wein	13 15	142 50	122	994·6	1008·6	- 0·5	304·0	307·7	28th	294·4	292·3	30th	299·2	..	+ 0·4	23	-56
12086a	♯Georgetown, Queensland	18 22	143 32	302	977·3	1011·6	- 0·4	307·2	309·7	7,8,9	292·2	284·1	30th	299·7	..	+ 1·2	0	-32
12087	Willis Island	16 18	149 59	8·5	1009·1	1010·1	..	302·1	302·8	3rd,8th	297·7	296·2	30th	299·9	299·8	..	81	..
12072	Samarai	10 37	150 40	6·1	..	1009·5	- 0·1	303·8	..	..	297·7	..	..	300·8	300·5	+ 1·0	188	-68
	Suva, Fiji	18 8	178 26	6·1	1010·7	1011·4	+ 1·0	301·2	303·0	27th	296·4	295·2	13,22,30	298·8	298·5	- 0·1	434	+124
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
12100	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	301·6	303·2	2nd	293·7	292·2	23rd	297·6	297·3	- 0·1	267	+71
12101	Punta Tortuga, Coquimbo	29 56	71 21	27	1012·7	1015·9	+ 0·3	290·4	292·9	8th,9th	285·8	282·8	28th	288·1	287·9	+ 0·2	5	+ 4
12102	Iquique	20 12	70 11	6	1013·2	1013·9	- 0·4	293·8	294·9	14th	..	..	..	..	290·3	- 1·1	0	0
12103	Catamarca	28 27	65 47	510	951·3	1008·7	- 2·9	301·9	308·2	8th	284·8	279·4	12th	293·3	293·7	+ 0·3	6	-12
12104	Salta	24 46	65 28	1182	880·3	1008·3	- 1·7	299·0	306·2	8th	286·7	279·0	13th	292·8	292·4	+ 1·8	40	+ 9
12105	Goya	29 9	59 15	37	1008·1	1012·4	- 1·5	301·5	308·5	22nd	290·5	282·5	11th	296·0	295·3	+ 2·5	98	-21
12106	Asuncion	25 17	57 41	93	1002·6	1013·3	- 0·1	301·7	308·2	22nd	293·6	288·5	11th	297·6	297·0	+ 2·0	212	+66
12107	Curityba	25 25	49 17	908	914·6	1015·2	- 0·2	297·3	302·3	10th	288·6	285·9	30th	293·0	292·0	+ 2·3	60	-18
12108	Rio de Janeiro	22 54	43 10	18·3	1012·4	1014·6	- 0·2	302·5	306·4	1st,11th	295·2	292·2	28th	298·8	298·0	+ 1·5	44	-62
										Sea Temp.								
12109	25°-30°S. 50°-45°W.	††27 32	††47 42	§(61-62)	..	1015·8	..	..	..	297·8|+1·4	..	..	..	..	297·4	..	..	..
12110	Windhoek	22 34	W. E. 17 6	1727	832·8	1015·6	..	297·3	300·9	5th	285·5	282·2	22nd	291·4	290·6	- 0·5	97	+58
12111	O'Okiep	29 36	17 52	933	912·6	1015·8	+ 0·9	299·6	307·3	3rd	287·1	279·9	15th	293·3	292·7	+ 1·4	18	+ 2
12111a	Kimberley	28 42	24 47	1202	886·0	1017·9	+ 1·6	299·0	303·6	3rd	284·4	280·3	17th	291·7	291·0	+ 0·8	32	- 3
12112	Johannesburg	26 11	28 4	1806	828·8	1018·4	+ 1·2	295·2	299·3	4th	283·8	279·3	19th	289·6	289·3	+ 1·0	49	+ 5
12113	Bulawayo	20 9	28 36	1349	870·9	1016·9	+ 0·5	299·1	305·2	7th	285·8	281·3	5th,24th	292·4	291·7	+ 0·6	2	-17
12147	Durban	29 52	31 3	15·2	1018·6	1020·4	+ 1·6	298·5	301·9	4th	291·7	289·6	19th,22nd	295·1	294·5	+ 0·3	101	+15
12147a	Lourenço Marques	25 58	32 36	59·0	..	1019·1	+ 1·5	300·2	303·9	5th	291·1	288·3	28th	295·7	295·2	- 0·6	48	+ 1
12148	Mauritius	20 6	57 33	55·2	1007·4	1013·8	- 0·2	300·5	301·8	9th	294·9	291·9	9th	297·7	297·5	+ 0·4	136	+22
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. § Number of observations. ♯Change of normals, see page 113.

APRIL – ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1008·3	1008·9	- 3·1	307·9	315·9	2nd	293·9	289·1	22nd	300·9	..	+ 1·3	15	- 7
1160	∮Cue	27 27	117 52	454	963·6	1014·3	- 0·8	302·9	309·1	12th	289·0	282·4	30th	296·0	..	+ 0·4	5	-13
1161	∮Nullagine	21 53	120 5	386	968·6	1011·2	- 1·6	309·3	314·2	1st	291·7	285·8	19th	300·5	..	+ 2·6	0	-21
1162	∮Laverton	28 40	122 23	466	963·0	1015·2	- 2·4	303·3	311·3	1st	287·7	280·7	5th	295·6	*295·6*	+ 1·9	2	-21
1163	∮Alice Springs	23 38	133 37	567	948·3	1013·5	- 1·2	303·6	311·9	3rd	288·4	282·4	29th	296·0	*296·2*	+ 2·9	0	-31
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	994·2	1010·8	- 2·6	306·0	311·3	4th	292·0	283·7	30th	299·0	*299·2*	+ 2·0	9	-33
1165	∮Thargomindah	27 58	143 43	123	1000·1	1014·3	- 1·9	302·1	309·8	4th	290·0	280·8	29th	296·1	*296·0*	+ 1·6	160	+128
1166	∮Mitchell	26 32	147 52	336	977·0	1015·0	- 1·1	299·6	307·3	4th	287·3	278·7	30th	293·4	..	+ 1·1		
1167	∮Rockhampton	23 24	150 30	11·3	1012·4	1013·7	- 1·8	301·7	305·8	27th	292·8	284·9	30th	297·2	..	+ 0·5	551	+465
1168	∮Brisbane	27 28	153 2	41·8	1011·9	1016·3	- 1·3	299·4	304·1	26th	290·6	286·2	29th	295·0	*294·2*	+ 0·7	378	+286
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1016·4	1018·3	+ 1·1	295·9	298·8	6th	..	..	..	..	..	..	293	+151

APRIL – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 50 W.	345	976·6	1017·4	..	289·4	293·6	4th	284·6	281·9	9th	287·0	*286·2*	..	73	..
1221a	Punta Tumbes	36 37	73 6	120	1001·2	1015·7	- 0·2	288·1	291·8	24th	282·6	280·6	14th	285·3	*285·2*	- 0·9	108	+46
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1011·1	1016·0	+ 0·6	291·3	295·2	1st,18th	283·6	280·6	26th	287·5	*287·3*	- 0·1	58	+31
1222a	∮Santiago	32 27	70 42	520	954·8	1015·2	0·0	295·2	302·4	2nd	280·0	276·0	9th	287·6	*286·7*	- 0·2	32	+ 1
1223	Cordoba	31 25	64 12	423	962·8	1011·3	- 2·8	298·9	307·8	21st	284·9	275·6	11th	291·9	291·1	+ 1·4	27	- 1
1224	Bahia Blanca	38 45	62 15	25	1009·4	1012·4	- 2·1	293·8	301·2	19th	281·9	275·2	24th	287·8	*287·5*	- 0·8	52	+ 1
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1010·5	1013·5	- 2·5	297·1	305·0	21st	285·4	275·8	14th	291·2	291·0	+ 1·7	197	+136
1226	Montevideo	34 55	56 13	24·3	..	1011·4	- 2·7	..	303·0	20th	..	283·6	12th	..	*291·6*	+ 0·5	123	+61
1226a	Porto Alegre	30 2	51 13	23·5	1011·8	1014·5	- 1·5	299·8	308·3	10th	290·6	284·0	25th	295·2	294·7	+ 1·3	176	..
1226b	30°-35°S. 55°-50°W.	††33 0	††51 59 W.	§(59-60)	..	1016·2	..	..	..	Sea Temp. 293·4 | 0·0	..	..	..	..	293·8	..	..	..	..
1239	Cape Town	33 56	E. 18 29	12·2	1017·5	1019·0	+ 2·9	296·5	307·7	9th	285·6	279·3	25th	291·1	*289·3*	+ 0·8	16	-26
1240	Danger Point	34 37	19 18	27·7	1016·9	1020·2	+ 4·4	292·8	298·9	21st,29th	286·6	281·9	17th,27th	289·7	..	+ 0·3	5	-36
1241	Riversdale	34 6	21 16	61·0	..	..	..	298·0	308·3	23rd	283·2	277·7	26th	290·6	..	- 0·8	4	-34
1242	East London	33 2	27 55	44·8	1014·0	1019·3	+ 2·4	296·2	307·4	24th	288·1	283·6	17th,28th	292·1	..	+ 0·3	34	-13
1259	∮Perth (Observatory)	31 57	115 51	60·0	1008·9	1017·0	- 1·4	297·9	308·5	12th,16th	287·1	282·1	29th	292·5	*292·3*	+ 0·2	23	-49
1260	∮Katanning	33 42	117 35	310	980·5	1016·4	- 2·3	296·6	307·3	12th	286·2	276·9	3rd	291·4	..	+ 0·7	49	+14
1261	∮Coolgardie	30 57	121 10	423	967·9	1016·0	- 2·5	300·1	308·7	19th	284·7	278·8	29th	292·4	*292·4*	+ 0·9	9	-26
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	∮Streaky Bay	32 48	134 13	13·1	1016·6	1018·0	- 2·1	298·4	306·6	1st	286·9	280·7	28th	292·7	*292·1*	+ 1·8	27	-24
1264	∮Adelaide	34 56	138 35	42·7	1013·2	1018·2	- 1·8	297·8	305·2	2nd	287·3	281·3	17th	292·6	*292·2*	+ 1·8	22	-28
1265	∮Melbourne	37 49	144 58	35·1	1013·9	1018·2	- 1·3	294·9	301·9	3rd	284·3	278·0	14th	289·6	*289·3*	+ 1·3	23	-33
1266	∮Bourke	30 13	145 58	110	1005·8	1018·6	- 0·5	300·1	308·6	4th	287·9	280·2	29th	294·0	..	+ 0·6		
1267	∮Sydney	33 51	151 13	42·1	1012·4	1017·4	- 1·0	296·7	302·3	11th	289·1	285·3	28th	292·9	*292·1*	+ 1·7	123	+46
1268	Lord Howe Island	31 20	159 0	4·9	1016·9	1017·6	- 1·0	297·1	299·4	6th	291·5	285·8	29th	294·3	..	+ 1·0	173	+87
1271	Auckland	36 50	174 50	13·4	..	1021·0	+ 2·6	294·3	296·9	2nd	287·8	283·6	5th	291·1	..	+ 1·9	124	+38
1272	Napier	39 29	176 55	1·5	..	..	..	294·2	298·3	8th	286·2	279·4	20th	290·2	..	+ 2·3	23	-63
		S.	E.															

APRIL – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57 S.	176 31 W.	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	994·4	1011·3	- 2·8	283·9	285·7	18th	279·6	277·2	8th	281·7	*282·4*	- 1·1	172	+46
1322	Punta Galera	40 1	73 44	40	1010·0	1014·9	- 1·1	286·1	287·0	sev.dates	281·3	278·0	30th	283·7	*284·4*	- 1·1	317	+191
1323	Sarmiento	45 34	69 0	272	975·5	1008·2	- 2·1	287·8	293·0	18th	278·3	267·4	30th	283·0	282·4	- 1·2	1	-124
1324	Puerto Madryn	42 49	W. 64 58	14	1007·4	1009·5	- 2·1	293·1	302·1	19th	278·2	271·6	30th	285·6	286·7	- 0·4	5	-120
1365	∮Launceston	41 27	E.147 10	10·1	1014·2	1015·3	- 0·5	292·8	300·2	3rd	282·5	275·3	17th	287·7	*286·9*	+ 1·8	77	-48
1366	∮Hobart	42 53	147 20	53·9	1008·7	1015·2	+ 0·5	291·7	298·7	1st	284·1	279·1	14th	287·9	*287·1*	+ 2·0	108	-19
1370	Invercargill	46 25	168 21	3·7	..	..	..	289·8	296·3	13th	279·5	273·6	5th	284·6	..	+ 1·0	127	+47
1371	Dunedin	45 52	170 31	6·1	..	1016·1	+ 0·9	289·9	296·9	3rd	281·8	276·3	4th	285·8	..	+ 1·8	113	+33
1371a	Christchurch	43 31	172 39	7·6	..	1016·5	+ 1·2	291·0	298·5	8th	282·2	275·4	22nd	286·6	..	+ 1·6	31	-49
1372	Wellington	41 16	174 46	128	..	1018·7	+ 1·1	291·3	295·8	10th	285·3	279·2	5th	288·3	287·7	+ 1·4	148	+68
		S.	E.															

APRIL – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	993·5	1000·2	- 1·6	281·2	282·9	8th	278·0	274·0	1st	279·6	*280·1*	0·0	186	+94
1422	Magallanes (Punta Arenas)	53 10	70 54	28	997·8	1001·0	- 0·3	281·9	285·5	17th	277·2	273·5	29th	279·5	*279·9*	+ 0·3	12	-80
1423	Punta Dungeness	52 24	68 28	5	999·6	1000·2	- 0·7	..	..	..	277·8	272·8	30th	..	*280·3*	- 0·5	..	..
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	997·8	- 1·7	283·6	286·3	22nd	274·3	268·0	30th	278·9	..	- 0·1	55	-19
1426	Cape Pembroke	51 41	57 42	21·3	996·4	999·0	- 1·8	281·1	284·7	5th,15th	276·3	270·2	30th	278·7	278·9	- 0·9	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..

APRIL – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	7	997·7	968·6	+ 7·6	268·7	275·5	2nd	262·4	241·5	30th	265·6	265·5	- 4·4	23	-23
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations.
∮Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, MAY 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY, 1928 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

MAY – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
102	Barrow	71 23	156 17	7·0	..	1018·6	- 0·4	270·1	278·3	13th	261·7	254·1	18th	285·9	..	+ 0·3	0	- 3
125	Upernivik	72 47	56 7	19·2	1016·8	1019·0	+ 3·0	274·3	280·7	22nd	269·4	261·0	2nd	271·9	*271·7*	+ 2·7	51	+37
131	Wygbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1019·5	1021·6	..	275·6	278·9	16th	268·1	263·0	1st	271·9	*271·7*	..	0	..
136	Jan Mayen	70 59	W. 8 18	23·1	1018·1	1021·0	+ 5·5	..	278·8	15th	270·3	265·2	8th	..	*272·3*	- 0·3	10	- 5
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1017·5	1018·9	+ 2·7	..	276·2	14th	265·6	253·8	10th	..	268·9	+ 0·8	39	+27
141	Bjornöen	74 28	19 17	40·5	1011·2	1018·4	+ 2·5	..	274·3	4th	268·5	264·2	7th	..	*270·3*	- 0·8	13	- 8
142	Liggy	71 4	24 6	7·5	1014·2	1015·1	+ 1·9	..	282·3	19th	273·7	269·1	7th	..	*275·8*	- 0·4	38	+ 9
143	Sletnes	71 5	28 14	10·2	1014·5	1015·8	+ 1·9	..	284·4	20th	273·0	267·7	8th	..	*275·2*	..	33	..
147	Vardö	70 22	31 8	11·8	1014·4	1015·9	+ 1·2	..	281·4	20th	272·8	270·1	7th	..	*275·1*	+ 0·4	20	-15
148	Malye Karmakouly	72 23	52 43	15·3	1015·1	1017·1	+ 4·1	269·1	274·4	28th	264·5	256·1	2nd	266·8	*266·8*	- 1·4	..	..
149	Waigatz	70 24	58 47	11·2	1015·2	1016·6	+ 3·0	..	..	..	263·1	253·6	1st	..	*265·6*	- 1·1	..	..
153	Dickson	73 31	80 23	13·0	1012·8	1014·5	+ 1·0	..	..	..	261·1	252·0	6th	..	*263·5*	- 0·9	2	- 4
162	Bouloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

MAY – ZONE 2.

201	Frecbrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1007·8	1008·4	- 3·8	278·7	285·8	16th,17th	270·0	260·2	3rd	274·3	*275·0*	- 0·1	0	-20
204	Bethal	60 45	161 47	11·8	..	1006·4	..	284·8	297·4	31st	272·4	263·0	4th	278·5	..	..	14	..
205	Tanana	65 10	152 6	69·5	1002·1	1010·1	- 1·9	287·8	295·8	31st	273·7	266·9	10th	280·7	*281·3*	+ 0·9	10	-11
206	Rampart	65 30	150 15	114	..	..	..	286·8	294·1	31st	272·4	268·0	5th	279·6	..	- 0·5	24	+12
207	Valdez	61 7	146 16	122	..	..	..	279·0	287·4	28th	273·8	268·0	1st	276·4	..	..	62	..
208	Eagle	64 46	141 12	248	978·4	1009·1	- 2·3	284·4	289·7	20,22,31	272·8	266·9	3rd	278·6	*280·1*	- 1·5	25	+ 4
209	Dawson	64 4	139 29	324	970·2	1009·1	- 1·3	286·9	293·6	30th	273·6	268·6	3rd	280·2	*280·5*	- 0·7	33	+10
210	Mayo Landing	63 35	135 51	579	950·2	1019·3	..	286·3	291·3	27th,28th	273·5	266·3	1st	279·9	*279·7*	+ 3·7	22	..
211	∮Fort Good Hope	66 25	128 53	65·2	1008·8	1018·9	- 1·8	288·6	297·4	31st	270·8	265·8	20th	279·7	..	0·0	11	- 6
212	Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	280·7	..	+ 1·0	27	- 9
213	Hay River	60 51	115 20	161	992·2	1012·0	- 1·8	282·4	295·8	26th	271·9	261·3	2nd	277·2	..	+ 0·1	12	- 9
225	Jacobshavn	69 13	51 2	31·6	1012·0	1016·0	+ 1·8	277·5	284·3	22nd	272·9	268·9	3rd	275·2	*275·1*	+ 2·4	39	+25
226	Godthaab	64 10	51 43	20	..	..	..	281·0	286·6	26th	273·8	270·8	15th	277·4	*277·0*	+ 3·3	256	+214
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
228	Angmagsalik	65 37	37 33	29·3	1017·2	1020·9	+ 5·4	280·2	287·3	18th	272·7	268·4	7th	276·5	*276·2*	+ 2·2	71	+ 5
231	Stykkisholm	65 5	22 46	25	..	1020·3	+ 6·7	284·7	289·5	30th	277·2	271·5	6th	280·9	*281·0*	+ 3·7	3	-32
233	Vestmanno	63 24	20 17	132	..	1020·3	+ 7·6	283·1	287·3	2nd	278·3	274·4	11th	280·7	*280·1*	+ 1·4	30	-50
234	Grimsey	66 33	18 1	22·0	..	1019·8	+ 5·1	281·2	291·0	31st	275·8	272·2	6th	278·5	*278·0*	+ 3·3	3	-11
235	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
236	Teigarhorn	64 41	14 22	18·0	..	1020·6	+ 6·7	285·7	292·4	11th	277·2	271·9	20th	281·5	*280·4*	+ 3·2	32	-39
238	Hjlvig	62 3	6 45	22·9	1017·5	1020·3	+ 5·9	282·3	285·3	1st	277·5	273·1	7th	279·9	*280·0*	- 0·1	15	-70
239	Lerwick	60 8	W. 1 11	18·0	..	1016·8	+ 3·1	283·0	287·4	2nd	278·9	275·2	8th,10th	280·9	*281·2*	+ 0·6	31	-22
240	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1009·1	1014·5	+ 0·7	287·0	295·0	1st	278·9	274·3	9th	282·9	*282·5*	+ 0·4	14	-75
241	Aalesund	62 28	6 10	6·3	1015·0	1015·8	+ 1·8	..	286·6	..	277·7	272·2	9th	..	*279·6*	- 1·2	41	-20
242	Trondhjem	63 26	10 25	59·2	1008·1	1015·4	+ 0·7	284·4	291·4	1st	276·0	271·5	8th	280·2	*280·3*	- 0·4	26	-13
243	Bodö	67 17	14 2	22·3	1013·4	1016·1	+ 2·1	..	287·7	16th	275·2	270·0	9th	..	*278·7*	+ 0·1	37	-14
244	Haparanda	65 50	24 9	9·2	1013·1	1014·2	- 0·1	283·6	291·5	19th	274·5	271·0	14th	279·1	*279·0*	+ 1·7	34	+ 3
245	Helsingfors	60 10	24 57	11·7	1009·8	1011·2	- 4·0	285·8	292·3	5th	278·2	273·5	11th	282·0	*281·6*	+ 0·8	106	+61
246	Kuopio	62 55	27 40	233	985·0	1013·4	- 1·3	284·5	291·5	28thr	276·0	271·5	13th	280·3	*279·9*	- 0·4	40	- 1
247	Kola	68 53	33 1	6·7	1014·7	1015·5	+ 0·7	278·3	287·0	20th,27th	272·4	266·8	15th	275·4	*275·5*	- 1·0	60	+37
248	Petrozavodsk	61 47	34 23	79·0	1004·6	1014·3	- 0·3	285·5	294·3	10th	276·4	269·3	4th	281·0	*280·9*	+ 1·1	40	- 7
249	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Mezen	65 50	44 16	14·9	1014·3	1016·1	+ 2·4	281·0	292·1	20th	272·3	263·3	8th	276·6	*276·5*	+ 0·2	24	- 1
251	Ust-Tsylma	65 25	52 18	68	1007·1	1015·6	+ 2·2	281·2	291·8	12th	272·1	260·3	3rd	276·6	*276·5*	+ 1·0	19	-15
252	Tcherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Obdorsk	66 31	66 35	35·2	1013·6	1018·1	+ 3·2	275·1	285·0	12th	267·7	256·3	6th	271·4	*270·9*	+ 0·2	12	- 7
255	New Port	67 42	72 57	3·3	..	..	..	269·9	278·3	29th	264·6	252·1	4th	267·2	*267·1*	..	8	..
256	Sourgout	61 15	73 24	48	1009·9	1015·9	+ 2·8	..	..	..	..	..	..	..	*276·3*	- 0·3	20	-15
257	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
258	Touroukhansk	65 47	87 57	45·0	1008·4	1012·1	- 0·6	..	..	..	..	..	..	..	*272·0*	+ 0·2	46	+22
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	994·2	1007·4	- 1·8	..	..	..	..	..	..	..	*278·0*	- 0·6	5	-12
263	Verkholansk	67 33	133 24	100	991·1	1003·6	- 3·9	..	..	..	..	..	..	..	*273·0*	- 2·1	6	- 1
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Nataikhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Novo Martinskii Post	64 45	177 33	22·7	1012·7	1015·6	+ 0·1	..	..	..	..	..	..	..	*270·0*	+ 0·5	5	- 5
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 105.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	1007·8	- 3·0	274·6	279·7	30th	271·2	268·6	2,3,9	272·9	..	- 1·5	16	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1004·1	1004·7	- 4·8	280·0	283·0	14th,16th	273·4	266·3	2nd,10th	276·7	*276·3*	- 1·1	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	278·3	282·4	17th	273·8	270·2	11th	276·1	..	..	44	..
305	Dillingham	59 0	158 28	24·4	..	..	..	283·1	290·8	30th,31st	274·4	268·6	1st	278·7	..	+ 0·5	43	..
306	Kodiak (Radio)	57 47	152 22	4·6	1002·6	1003·4	- 5·5	282·2	290·2	29th	276·2	273·0	1st	279·2	*278·9*	+ 0·1	†164	†41
309	Sitka	57 3	135 19	19·8	..	..	..	285·7	294·1	13th	276·7	272·4	11th,25th	281·2	..	0·0	176	+71
310	Prince Rupert	54 18	130 18	51·8	1009·7	1016·0	+ 0·8	286·3	293·0	13th	279·1	274·7	9th	282·7	*282·7*	+ 0·9	219	+83
311	Barkerville	53 2	121 35	1274	869·2	1013·2	+ 1·6	287·4	297·4	21st	273·6	264·1	1st	280·5	*280·1*	+ 1·0	83	+25
312	♯Kamloops	50 41	120 29	385	971·0	1015·9	- 0·3	295·9	304·8	24th	282·4	274·4	3rd	289·2	*289·3*	+ 1·8	7	-15
313	Calgary	51 2	114 2	1058	894·2	1013·3	+ 1·7	295·2	305·2	25th	276·9	269·1	3rd	286·1	*285·5*	+ 3·6	5	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	285·2	293·0	29th,30th	274·7	268·6	3rd	279·9	*280·8*	+ 1·2	20	0
315	Prince Albert	53 10	105 38	437	961·7	1013·0	- 0·6	293·6	308·0	22nd	278·0	267·4	4th	285·8	*285·7*	+ 3·0	15	-51
316	Qu'Appelle	50 30	103 47	651	939·3	1014·6	+ 1·3	294·7	305·2	22nd	278·6	269·1	11th	286·6	*286·1*	+ 3·5	42	-53
317	Minnedosa	50 15	99 50	515	954·0	1014·2	+ 0·8	293·7	307·4	23rd	277·3	269·4	5th	285·5	*285·5*	+ 2·6	21	-31
318	Berens River	52 18	97 23	216	..	..	..	285·6	299·7	24th	273·1	263·6	5th	279·3	..	+ 0·2	16	-39
318a	Port Nelson	57 0	92 51	14·9	1012·0	1013·8	- 3·5	281·3	298·0	9th	270·6	262·4	16th	276·1	..	+ 2·6	..	-26
319	Pagwa	50 3	85 18	189	..	..	..	289·1	298·6	16th	272·4	263·6	11th	280·7	..	- 2·3	20	..
320	Moose Factory	51 14	80 30	9·1	1010·6	1011·7	- 3·4	283·6	297·4	18th	273·6	268·6	1st,17th	278·6	..	- 0·1	48	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	91	..
324	♯Natashquan	50 8	61 48	6·1	..	..	..	284·1	294·7	19th	270·6	263·6	14th	277·3	..	- 1·3	27	..
326	Belle Isle	51 53	55 23	130	1000·1	1016·8	+ 4·6	283·7	294·1	18th	275·0	269·7	2,5,9	279·3	..	+ 1·7	..	..
333a	62°-57°N. 20°-15°W.	††60 1	††17 28	§(33)	..	..	..	..	..	24th Sea Temp. 282·6‖+0·5	..	..	..	..	282·9	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1014·1	1015·8	+ 0·3	287·6	293·1	5th	281·9	277·7	10th	284·7	284·8	+ 0·5	41	+2
335	Aberdeen	57 10	W. 2 6	26·0	1013·8	1017·0	+ 2·3	283·3	287·7	28th	278·5	274·5	11th	280·9	280·9	- 0·6	63	+13
336	Greenwich	51 28	0 0	46·3	..	1013·3	- 2·2	289·9	299·7	28th	279·5	274·7	9th	284·7	284·1	- 0·6	..	..
337	Uccle	50 48	E. 4 22	100	1000·3	1012·4	- 2·9	290·4	300·9	29th	279·4	271·9	12th	284·9	284·0	- 1·2	77	..
338	De Bilt	52 6	5 11	3·0	1011·9	1012·3	- 3·0	289·4	298·3	30th	279·0	271·6	11th	284·2	283·9	- 1·2	58	..
338a	Hamburg	53 33	9 58	40·3	1007·5	1012·4	- 3·0	289·3	298·7	1st	279·4	273·7	10th	284·3	*284·2*	- 0·8	70	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1012·0	1012·6	- 2·5	286·9	294·0	30th	279·3	275·9	11th	283·1	*283·3*	+ 0·5	58	..
340	Potsdam	52 23	13 4	84·9	1001·3	1011·6	- 3·5	289·1	298·5	2nd	279·1	272·8	11th	284·1	283·8	- 2·1	34	..
340a	Uppsala	59 51	17 38	24	1010·0	1012·9	- 1·5	286·9	296·1	29th	274·5	268·5	9th	280·7	281·2	- 1·1	96	..
341	Warsaw	52 13	21 3	89·9	999·8	1010·6	- 5·6	289·6	297·7	21st	279·9	275·1	12th	284·7	*284·8*	..	71	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1001·1	1010·9	- 3·4	288·6	295·7	29th	279·2	273·1	3rd	283·9	283·8	+ 0·9	..	..
343	Leningrad	59 56	30 16	8·6	1011·0	1012·0	- 2·5	287·5	294·3	29th	278·9	272·1	4th	283·2	*283·3*	+ 1·2	37	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	992·6	1012·6	- 2·8	289·8	297·6	23rd	280·2	272·1	4th,6th	285·0	*284·8*	0·0	67	..
345	Saratov	51 32	46 2	127	998·6	1013·9	- 1·7	291·5	301·1	24th	281·4	270·1	4th	286·4	*286·1*	- 0·7	57	..
346	Kazan	55 47	49 8	79·9	1006·6	1015·3	- 0·6	290·4	300·4	23rd	280·3	272·5	3rd	285·3	*285·1*	- 0·9	79	..
347	Orenburg	51 45	55 6	109	1001·5	1014·6	- 1·9	291·7	299·4	24th	280·6	273·1	4th	286·2	*286·1*	- 1·4	36	..
348	Perm	58 1	56 16	163	996·8	1016·5	+ 1·4	..	..	..	..	..	..	..	*283·4*	+ 0·4	..	..
349	Sverdlovsk	56 50	60 38	281	982·3	1016·1	+ 1·7	..	..	..	..	..	..	..	*282·7*	- 0·2	40	..
350	Tobolsk	58 12	68 14	108	1004·6	1017·8	+ 2·8	..	..	..	..	..	..	..	*284·8*	0·0	27	..
351	Akmolinsk	51 12	71 23	347	973·0	1014·1	- 2·5	..	..	..	..	..	..	..	*282·3*	+ 0·2	28	..
352	♯Omsk	55 1	73 19	108	1003·6	1016·7	+ 1·8	..	..	..	..	..	..	..	*284·8*	- 1·0	55	..
353	Barnaoul	53 20	83 48	162	996·3	1015·8	+ 0·2	..	..	..	..	..	..	..	*283·6*	- 0·3	42	..
354	Tomsk	56 30	84 58	123	1000·2	1015·1	+ 0·8	..	..	..	..	..	..	..	*284·6*	+ 0·7	31	..
355	Minousinsk	53 43	91 41	249	985·4	1015·1	- 0·1	..	..	..	..	..	..	..	*281·4*	+ 0·3	..	..
356	Eniseisk	58 27	92 10	81·2	1003·1	1013·1	+ 0·6	..	..	..	..	..	..	..	*284·6*	+ 1·2	29	..
357	Irkutsk	52 16	104 19	467	957·9	1013·5	- 0·5	..	..	..	..	..	..	..	*279·0*	- 1·0	20	..
358	Kirensk	57 47	108 7	278	978·4	1012·3	+ 0·5	..	..	..	..	..	..	..	*280·9*	- 0·3	55	..
359	Tchita	52 2	113 30	685	926·1	1006·2	- 2·8	..	..	..	..	..	..	..	*276·1*	- 1·9	14	..
360	Nertchinskii Zavod	51 19	119 37	621	933·2	1005·9	- 2·0	..	..	..	..	..	..	..	*279·7*	- 1·4	22	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	*280·2*	- 1·4	11	..
362	Blagovyeshchensk (Bureau (Météor.)	50 16	127 30	142	987·1	1004·1	- 3·1	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	*283·0*	- 0·6	20	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1001·1	1006·3	- 3·2	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	6·0	1008·4	1009·2	- 3·1	..	..	..	..	..	..	..	*276·7*	+ 0·3	33	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	997·1	1007·9	- 2·0	..	..	..	..	..	..	..	*274·0*	+ 0·8	28	..
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	*275·5*	+ 0·3	62	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·9	1017·4	+ 1·0	290·6	298·7	24th	281·5	277·7	1st	286·1	*285·7*	+ 1·4	8	-21
412	Portland, Oregon	45 32	122 41	46·6	1012·0	1017·3	+ 0·2	296·4	306·9	24th	283·4	277·4	2nd	289·9	*289·8*	+ 3·2	19	-39
413	Macleod	49 44	113 24	953	..	..	..	296·1	306·9	26th	279·6	273·0	3rd,14th	287·8	*288·0*	+ 4·7	1	-50
414	Helena	46 34	112 4	1253	874·4	1014·9	+ 2·4	294·9	303·0	26th	280·0	273·0	3rd	287·4	*287·2*	+ 3·4	6	-48
414a	Salt Lake City	40 46	111 54	1329	866·4	1012·5	+ 1·9	296·4	304·7	29th	284·9	276·9	4th	290·7	*290·6*	+ 3·1	34	-17
415	Cheyenne	41 8	104 48	1856	814·3	1014·9	+ 3·2	290·6	299·1	1st	276·4	270·8	4th	284·5	*283·6*	+ 1·1	68	+ 7
415a	North Platte	41 8	100 45	860	916·2	1014·2	+ 1·6	297·4	308·6	1st	282·5	274·7	4th	289·9	*289·5*	+ 2·1	92	+20
417	Bismarck	46 47	100 38	510	954·6	1014·5	+ 1·1	296·4	308·6	23rd	281·2	274·1	3rd	288·8	*289·1*	+ 3·6	15	-47
418	Winnipeg	49 53	97 7	232	987·2	1014·9	+ 1·2	293·8	308·4	23rd	278·8	269·7	5th	286·3	*286·3*	+ 2·2	85	+34
418	Duluth	46 47	92 6	345	973·9	1015·2	+ 0·7	290·9	301·9	9th	278·2	273·6	12th	284·6	*284·4*	+ 2·9	24	-62
420	Fort Arthur	48 27	89 12	196	991·1	1014·8	- 0·3	289·1	297·4	8th	277·4	271·9	6th	283·3	*282·5*	+ 2·3	38	-15
421	Chicago	41 47	87 35	205	990·5	1014·9	+ 0·3	292·1	305·2	3rd	283·0	278·0	13th	287·6	*287·0*	- 0·1	40	-51
422	Toronto	43 40	79 24	116	1000·0	1014·0	- 1·2	291·1	300·9	4th	279·9	273·8	7th	285·5	*285·2*	+ 0·4	18	-53
423	New York (Central Park)	40 47	73 58	47·4	1007·5	1013·2	- 2·4	292·8	299·1	4th	283·6	278·0	13th	288·2	*287·7*	+ 2·2	53	-31
424	St. John, N.B.	45 17	66 4	36·3	1009·6	1014·0	0·0	287·1	294·6	17th	278·7	273·9	15th	282·9	*282·7*	+ 1·2	55	-39
424a	S.W.Point, Anticosti	49 24	63 33	9·1	1013·7	1014·8	+ 2·1	281·9	289·1	25th	275·8	273·6	1,5,20	278·8	*278·7*	+ 1·5	50	-12
425	Sable Island (Main Station)	43 57	60 6	7·6	1013·4	1014·3	- 1·1	281·3	284·7	27th	277·4	274·7	19th	279·4	*279·3*	0·0	61	-26
426	Fort aux Basques	47 35	59 10	9·1	1014·1	1015·2	+ 1·8	283·1	290·5	22nd	276·5	271·6	16th	279·8	*279·7*	+ 2·0	57	-36
426	St. John's, Newfoundland	47 34	52 42	74·1	1004·0	1013·1	0·0	..	..	..	..	..	..	279·1	..	0·0	169	+78
435	Madrid	40 24	3 41	667	936·0	1012·9	- 2·4	291·9	300·7	27th	281·1	277·2	23rd	286·5	*285·8*	- 2·2	52	+12
436	Nantes	47 15	W. 1 34	36·5	1007·6	1012·0	- 3·8	290·1	297·8	28th	280·7	274·8	11th	285·4	285·4	- 1·2	32	-26
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1006·1	1012·2	- 3·8	290·4	301·3	29th	281·0	274·5	12th	285·7	285·4	- 1·0	49	- 2
438a	Marseille	43 18	5 23	75	..	1010·4	- 3·2	293·4	298·4	30th	282·0	277·2	13th	287·7	*287·4*	- 1·8	32	-12
440	Zürich	47 23	8 33	493	954·4	1012·3	- 3·4	290·4	300·6	29th	279·0	273·3	11th	284·7	284·7	- 2·3	120	+13
440a	Rome	41 54	12 27	45·5	1005·7	1011·1	- 3·2	294·8	299·0	29th,30th	285·2	281·0	13th	290·0	*290·0*	- 0·9	94	+39
441	Budapest	48 15	16 22	203	986·6	1011·1	- 3·2	288·7	295·5	20th	280·7	274·0	12th	284·7	284·6	- 3·4	92	+21
442	Sofia	47 31	19 1	130	994·9	1010·5	- 3·5	291·9	299·8	31st	281·6	274·5	12th	286·7	286·4	- 2·6	55	-17
443	Bucharest	42 42	23 20	550	947·3	1011·1	- 3·2	292·1	300·8	18th	281·4	275·8	14th	286·7	*286·3*	- 1·8	90	+ 3
443	Odessa (Observatory)	46 26	30 46	42·8	1006·0	1011·1	- 3·8	290·9	300·2	18th	282·7	276·3	6th	286·8	*286·2*	- 2·4	24	- 7
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1008·8	1013·2	- 1·3	291·7	300·0	20th	283·8	275·5	6th	287·8	*287·6*	- 1·0	69	+30
446	Kiflis	41 43	44 48	404	966·6	1013·1	- 1·6	295·8	302·5	28th	285·2	280·9	7th	290·5	290·5	+ 0·7	60	-21
447	Astrakhan	46 21	48 2	-13·8	1015·9	1014·2	- 0·9	..	..	..	..	..	..	..	..	..	..	..
448	Fort Alexandrovsk	44 31	50 7	-23·0	1018·4	1013·7	- 1·0	..	..	..	..	..	..	..	*289·7*	- 0·8	95	+77
449	Krasnovodsk	40 0	52 59	-4·6	1013·1	1012·6	- 1·3	..	..	..	..	..	..	..	*289·3*	- 1·0	1	-14
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*292·9*	- 0·7	4	- 6
450	Tashkent	41 20	69 18	478	957·4	1011·7	- 1·2	300·4	307·7	31st	287·5	279·7	13th	293·9	*293·7*	+ 0·8	31	0
451	Narynskoe	41 26	76 13	2015	..	..	..	292·7	300·2	8th	278·4	274·6	1st	285·5	*285·4*	+ 1·0	25	-26
452	Alma Ata	43 16	76 53	841	918·4	1012·6	- 1·6	295·8	302·5	24th	285·4	278·8	1st	290·6	*290·3*	..	137	+48
453	Moukden	41 48	123 23	43·8	1002·7	1007·9	- 1·1	295·6	304·1	29th	282·8	274·0	15th	289·2	289·1	+ 0·3	102	+43
453	Joshin	40 40	129 11	31·9	1005·0	1008·9	- 1·3	288·8	298·9	10th	279·5	276·1	4th	284·1	283·4	- 0·4	29	-33
454	Yuki	42 20	130 24	63·8	1000·2	1007·9	- 2·4	288·4	296·3	10th	279·3	275·2	1st	283·9	283·2	+ 0·6	42	-34
455	Vladivostok	43 7	131 54	128	992·7	1008·2	- 2·1	..	..	..	..	..	..	..	*282·2*	- 0·4	72	+22
455	Ochiai	47 20	142 47	27·4	1004·8	1008·2	- 2·5	286·0	296·5	31st	276·0	270·4	2nd	281·0	280·4	+ 1·7	51	-24
455a	Hamuro	43 20	145 35	26·7	1008·3	1011·6	+ 0·1	284·3	289·9	8th,12th	276·7	271·4	4th	280·5	280·3	+ 0·8	51	-43
455a	Syana	45 14	147 53	39·3	1006·2	1011·0	- 0·6	284·6	290·8	31st	275·2	268·9	4th	279·9	280·1	+ 1·9	55	-23
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
501	San Francisco	37 48	122 26	47·2	1009·0	1014·9	- 1·1	291·5	298·0	5th	284·4	283·0	24th	287·9	*287·1*	+ 1·8	7	-12
502	Sacramento	38 35	121 30	21·0	1009·9	1012·2	- 1·4	300·2	308·6	24th	284·9	282·4	2nd	292·6	*292·3*	+ 2·2	1	-18
503	San Diego	32 43	117 10	26·5	1010·5	1013·5	- 0·7	292·6	299·7	5th	287·8	286·3	9th	290·2	*289·8*	+ 1·4	9	+ 1
504	Modena	37 48	113 54	1668	832·6	1011·2	+ 1·9	295·7	303·0	28th	278·6	270·2	4th	287·1	*286·5*	+ 1·8	46	+25
505	Santa Fé	35 41	105 57	2138	788·1	1011·5	+ 2·3	292·8	300·8	31st	280·0	273·6	11th	286·4	*286·1*	+ 0·1	71	+44
506	Denver	39 45	105 0	1613	838·5	1014·9	+ 3·2	293·1	304·7	30th	281·4	275·2	3rd	287·3	*287·0*	+ 0·6	78	+17
507	Abilene	32 23	99 40	530	952·4	1012·5	+ 0·9	302·3	310·8	9th	288·6	279·7	5th	295·4	*295·3*	+ 0·3	306	+208
508	Saint Louis	38 38	90 12	173	994·1	1014·5	+ 0·3	297·5	305·8	10th	287·0	278·6	7th	292·2	*292·3*	+ 0·2	55	-59
509	Mobile	30 41	88 2	17·4	1012·4	1014·5	- 0·9	300·3	304·1	12th	290·9	283·6	8th	295·6	*295·2*	- 0·3	91	-20
510	Nashville	36 10	86 47	166	995·6	1015·2	- 0·3	297·7	303·6	11th	286·6	281·3	8th	292·1	*292·1*	- 1·1	73	-23
511	Charleston	32 47	79 56	14·6	1012·3	1013·9	- 2·1	298·6	304·7	29th	290·8	282·4	9th	294·7	*294·4*	- 0·6	27	-59
512	Washington	38 54	77 3	34·1	1009·0	1013·2	- 2·5	296·1	307·4	5th	284·4	278·0	14th	290·3	*289·7*	- 0·5	102	+10
513	Bermuda	32 17	64 46	46·0	1012·3	1017·7	- 0·2	296·8	299·6	29th	290·1	285·3	15th	293·4	*293·5*	- 0·8	185	+49
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	♯Santa Cruz (Flores)	39 27	31 9	40	1011·7	1016·3	- 4·9	291·5	294·1	5th	288·6	284·6	11th	290·0	289·1	+ 0·2	118	+13
531	Horta	38 32	28 38	65	1008·7	1018·5	- 4·7	291·8	294·3	18th	287·1	285·8	26th	289·4	289·0	- 0·8	131	+48
532	Ponta Delgada	37 44	25 40	22	1013·9	1016·5	- 4·2	290·9	293·0	15th	287·2	285·6	1st	289·1	289·0	- 0·5	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	223	+137
533	Madeira (Funchal)	32 38	16 55	25	1016·8	1019·8	+ 0·9	294·4	296·3	31st	289·8	286·7	1st	292·1	*292·1*	+ 1·6	26	-17
535	Lisbon	38 43	9 9	95	1003·3	1014·6	- 0·6	291·2	300·2	26th	284·8	281·5	3rd	288·0	287·7	- 1·9	33	- 8
535a	Malilla	35 17	2 59	40	1009·8	1014·5	..	293·5	297·9	28th	287·6	285·1	4th	290·5	*290·8*	- 2·1	22	+ 9
536	Gibraltar	36 8	5 21	16·2	..	1014·7	- 1·6	293·6	299·1	30th	286·4	284·1	23rd	290·0	*289·7*	- 1·6	49	+ 4
536a	Colomb-Béchar	31 36	W. 2 4	769	924·2	1007·9	..	303·1	310·0	30th	286·1	281·0	18th	294·6	*294·9*	- 1·9	0	- 8
537	Palma	39 34	E. 2 39	23	1009·1	1011·8	- 3·9	295·2	301·4	30th	283·3	279·8	1st	289·2	*289·6*	- 2·1	11	-25
538	Algiers (Bouzaréah)	36 48	3 2	342	972·7	1012·6	- 2·0	291·6	302·7	28th	285·8	282·5	6th	288·7	288·3	- 1·0	108	+ 0
538a	Gadames	30 9	9 30	351	..	..	..	308·6	316·5	31st	290·2	284·0	11th	299·4	..	- 2·5	0	+ 1
539	Tunis	36 48	10 10	75	1004·9	1013·7	..	295·6	303·5	29th	285·3	281·6	22nd	290·4	*290·2*	- 1·0	24	+ 1
539a	Malta	35 54	14 31	71·2	..	1012·5	- 1·5	293·8	298·0	30th	288·1	285·2	20th	290·9	*290·0*	- 1·0	0	- 5
540	Riposto	37 41	15 14	14·2	..	1013·5	- 2·9	294·4	296·6	30th	286·1	284·0	2nd	290·3	*290·1*	- 1·0	3	- 2
541	Athens	37 58	23 43	107	998·5	1011·0	- 2·4	297·6	302·3	21st	289·1	285·4	6th	293·3	293·1	+ 0·6	0	- 2
542	Alexandria	31 12	29 53	32·0	1009·8	1013·5	+ 0·1	302·0	313·2	19th	292·2	289·5	14th	297·1	*296·0*	+ 2·0	..	..
543	Ankara (Angora)	39 58	32 48	861	913·4	1009·7	- 3·2	296·6	303·8	19th	281·6	277·3	31st	289·1	*289·7*	..	24	-36
543a	Nicosia (P.W.D.)	35 9	33 22	159	992·7	1010·8	- 0·5	303·3	312·4	19th	287·6	283·6	14th	295·4	..	+ 1·2	0	- 5
544	Beirut	33 54	35 28	33·7	..	1012·7	- 0·1	301·1	309·2	21st	292·5	289·7	2nd,8th	296·8	*296·5*	+ 2·3	0	- 5
545	Hinaidi	33 17	44 29	32·3	1004·7	1008·4	- 0·7	310·5	316·3	22nd	292·8	288·0	6th	301·6	*302·2*	+ 0·5	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	300·0	308·8	31st	289·1	281·6	9th	294·1	*294·2*	- 0·1	6	-16
548	Meshed	36 17	59 38	946	874·5	..	..	301·3	309·2	30th,31st	285·6	278·3	12th	293·4	..	+ 1·1	16	- 1
549	Seistan	31 0	61 30	610	..	..	..	308·1	316·1	25th	292·8	286·0	11th	300·4	..	+ 0·7	0	- 1
550	Quetta	30 12	67 0	1673	832·1	..	+ 0·4	303·7	307·2	27th	283·7	277·1	13th	293·7	*293·8*	+ 0·8	6	-31
551	Peshawar	34 2	71 37	339	966·4	1003·5	- 0·7	312·8	317·8	26th	296·1	291·9	12th	304·4	*304·2*	+ 2·5	0	- 8
551a	Lahore	31 34	74 20	214	977·6	1001·0	- 1·4	315·8	319·4	27th	298·8	294·7	13th,14th	307·3	*307·2*	+ 2·6	0	-36
552	Simla	31 7	77 8	2202	780·4	..	+ 0·2	298·4	301·8	28th	290·3	284·1	12th	294·3	*294·4*	+ 3·5	21	- 1
552a	Leh	34 10	77 42	3503	668·9	..	+ 1·4	292·1	295·5	28th	276·4	272·8	1st	284·3	*284·0*	+ 1·1	5	-31
559	Hankow	30 35	114 17	37·0	1006·7	1010·0	- 0·8	303·3	308·1	31st	292·7	285·1	14th	298·0	*297·3*	+ 2·3	122	+22
560	Tientsin	39 9	117 9	6·4	1007·1	1007·8	- 1·8	302·3	314·4	28th	287·8	281·2	13th,14th	295·1	*294·5*	+ 2·0	42	- 8
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1010·1	1010·9	- 0·2	299·3	307·7	13th	287·9	282·8	15th,17th	293·6	292·4	+ 0·8	12	-36
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1004·0	1012·0	+ 0·5	293·4	298·7	30th	284·4	281·4	10th	288·9	288·3	+ 0·9	34	-18
562a	Nagasaki	32 44	129 52	133	996·4	1011·9	- 0·1	296·9	301·0	30th	288·1	284·0	17,18,19	292·5	291·8	+ 0·9	112	+ 4
563	Kyoto	35 1	135 44	42·9	1007·5	1012·5	+ 0·5	298·1	302·9	28th	285·2	276·9	19th	291·7	291·5	+ 2·0	128	-36
564	Tokyo	35 41	139 46	5·8	1012·3	1013·0	+ 0·9	294·8	301·9	22nd	286·4	280·3	3rd	290·6	290·8	+ 1·2	118	-49
565	Hukusima	37 45	140 28	68·5	1004·8	1012·9	+ 1·2	296·1	305·3	31st	283·3	277·0	19th	289·7	289·3	+ 1·4	63	-225
566	Miyako	39 38	141 59	30·4	1008·1	1011·7	+ 0·1	293·3	303·6	11th	281·4	275·6	20th	287·3	286·7	+ 1·4	17	-22
		N.	E.															

MAY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1020·3	1021·0	+ 2·5	297·9	301·9	29th	290·4	286·9	14th	294·2	*293·7*	- 0·7	4	-16
605	Honolulu	21 19	157 52	11·8	1018·5	1017·9	+ 0·2	299·4	300·8	30th	294·4	293·0	13th	296·9	*296·8*	+ 0·1	14	- 2
613	Guaymas	27 55	110 53	8·3	1010·5	1011·4	..	303·4	306·0	sev.dates	293·1	287·5	2nd	298·3	*297·1*	- 2·1	14	-72
615	Leon	21 7	101 41	1809	820·5	1006·8	- 0·1	303·4	309·5	21st	286·9	283·3	13th	295·1	*294·6*	- 1·7	102	-62
616	Monterry	25 40	100 18	528	952·2	1010·9	+ 2·1	302·7	310·7	28th	292·1	286·0	7th	297·4	*297·7*	- 1·1	62	-39
617	Tulancingo	20 5	98 22	2181	789·3	..	- 0·2	298·7	303·2	21st	292·6	275·3	8th	295·7	*289·3*	- 1·6	39	-16
618	Galveston	29 18	94 50	18·5	1012·8	1014·9	+ 0·6	299·2	304·7	25th	293·9	289·1	5th	296·6	*296·0*	- 0·3	162	+ 3
618a	New Orleans	29 57	90 4	16·2	1012·7	1014·5	- 0·3	301·6	305·8	30th	292·3	289·1	8th	296·9	*296·8*	+ 0·1	30	-14
619	Merida, Yuc.	20 58	89 38	22	1010·1	1012·6	- 0·1	305·2	310·0	31st	295·7	290·4	10th	300·5	*299·5*	- 0·8	107	-36
620	Havana	23 7	82 25	77·0	1004·4	1013·3	- 1·2	301·4	304·5	21st	294·4	291·5	10th	297·9	297·6	..	38	- 8
620a	Key West	24 33	81 48	6·7	1013·5	1014·2	- 0·6	301·4	304·1	29th	295·6	293·0	11th	298·5	*298·1*	- 0·6	80	..
621	Nassau, Bahamas	25 5	77 20	9·6	..	1014·7	- 1·3	300·3	303·0	20,29,30	294·2	289·7	10th	297·2	*297·1*	- 1·4	..	..
622	Watling Island	24 6	74 28	33·5	..	..	..	..	301·3	23rd	..	292·4	5th	..	*297·7*	- 1·7	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	310·8	318·1	29th	296·9	290·9	3rd	303·9	*302·2*	..	0	- 0
634m	Izaña	28 19	16 30	2367	787·9	..	0·0	285·7	293·5	25th	277·6	270·4	1st	281·7	*281·6*	- 0·2	33	- 8
634	La Laguna	28 28	16 20	547	954·4	1017·8	+ 0·6	292·8	300·1	7th	284·3	280·4	25th	288·6	*288·0*	- 0·5	0	-36
636	Adrar	27 38	W. 0 4	285	978·5	1010·5	..	310·6	317·0	28th,31st	291·1	285·0	8th	300·9	*303·7*	..	0	- 0
638	Laperrine	22 36	E. 5 26	1350	864·8	1004·1	..	308·5	311·8	23rd	290·7	285·1	12th	299·6	*302·8*	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	0	- 0
642	Siwa	29 12	25 29	-23	1015·8	1013·2	+ 1·0	..	..	..	291·4	286·2	12th	..	..	..	..	..
643	Cairo (Helwan)	29 52	31 20	116	998·8	1012·0	- 0·1	308·3	317·2	19th	291·9	287·2	13th	300·1	*300·1*	+ 2·5	..	..
643a	Aswan	24 2	32 53	100	997·8	1008·7	- 0·8	316·1	320·0	25th	297·9	292·7	7th	307·0	*306·6*	+ 4·1	0	- 0
644	Tor	28 14	33 37	1·9	1009·5	1009·8	0·0	305·3	312·0	24th	293·5	289·0	8th	299·4	*298·8*	+ 1·1	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1005·5	1005·9	..	305·2	311·5	22nd	298·3	294·2	11th	301·7	*301·1*	+ 0·7	0	- 1
648	Jask	25 45	57 45	4·0	1003·7	1003·9	..	306·8	311·2	31st	298·0	295·6	16th	302·3	*301·7*	- 0·4	0	0
649	Karachi	24 53	66 57	4·0	1005·1	1005·5	- 0·3	304·4	305·8	13th	299·5	298·1	7th	301·9	*301·3*	+ 0·1	0	- 2
650	Jacobabad	28 17	68 29	56·7	995·9	1002·0	- 0·6	318·0	321·8	30th	300·2	295·3	13th	309·1	*308·7*	+ 1·0	0	- 4
651	Jaipur	26 56	75 52	436	956·6	1003·4	- 0·1	315·7	318·3	25th	300·4	296·2	16th	308·1	*307·6*	+ 1·5	0	-14
652	Nagpur	21 8	79 5	310	970·4	1003·8	- 0·3	316·4	319·4	24th	302·8	295·7	10th	309·6	*309·0*	+ 1·6	4	-17
653	Allahabad	25 25	81 51	94·2	991·7	1002·0	- 1·3	315·8	320·1	25th	300·7	297·1	16th	308·3	*307·9*	+ 1·4	1	- 8
653a	Darjeeling	27 3	88 15	2265	774·7	..	- 0·3	291·4	294·8	11th	285·2	283·2	11th	288·3	*288·4*	+ 0·9	205	-16
654	Calcutta	22 32	88 20	6·4	1003·7	1004·4	- 0·6	307·7	311·0	31st	298·8	294·2	6th	303·3	*303·1*	+ 0·3	179	+33
655	Gauhati	26 8	91 41	59·7	1000·4	1007·2	- 0·3	303·3	307·8	10th	295·4	292·0	1st	299·4	*298·3*	- 0·4	371	+149
655a	Cherrapunji	25 15	91 42	1313	867·0	..	+ 0·4	295·3	297·6	10th,31st	288·9	285·4	24th	292·1	*292·4*	0·0	1356	+181
656	Akyab	20 11	92 56	6·1	1008·4	1007·2	- 0·3	304·6	308·7	3rd	298·2	294·9	15th	301·4	*301·7*	- 0·5	397	+48
656a	Mandalay	21 59	96 0	78·2	998·7	1007·2	0·0	310·2	313·3	2nd	298·9	295·9	15th	304·6	*304·3*	- 0·2	72	-77
657	Tengyueh	25 2	98 33	1626	835·4	1007·0	..	296·9	300·8	30th	285·9	281·9	6th	291·4	*290·9*	+ 0·2	79	-47
658	Pien Lien	20 48	106 38	116	..	1006·7	- 0·5	303·9	307·7	14th	297·1	294·1	2nd	300·5	*299·8*	+ 0·5	285	+99
659	Moncay	21 31	107 51	9·0	..	1006·8	- 0·8	303·6	308·5	18th	296·8	293·1	3rd	300·2	*299·3*	+ 0·4	231	-47
660	Hongkong	22 18	114 10	33·2	..	1008·3	- 0·8	300·7	304·4	25th	296·3	293·5	3rd	298·5	*298·2*	+ 0·3	468	+161
661	Amoy	24 26	118 4	4·9	..	..	..	299·0	302·4	24th	294·9	289·1	2nd	296·9	*296·7*	+ 0·3	285	+127
661a	Taihoku, Formosa	25 2	121 31	9·3	1008·6	1009·7	- 0·5	301·5	306·4	28th	293·9	288·9	2nd	297·7	297·1	+ 0·1	223	-13
662	Basco	20 26	121 59	18·7	..	1008·1	- 0·4	303·5	305·8	24th	297·9	296·1	4th	300·7	300·4	- 0·1	138	-84
662a	Naha	26 12	127 39	29·5	1006·3	1009·7	- 1·3	298·3	300·3	25th	294·1	291·3	16th	296·2	296·0	- 0·1	435	+190
665	Titisima (Bonin Islands)	27 5	142 11	4·1	1013·3	1013·8	+ 0·7	298·3	301·1	18th	293·6	290·5	20th	295·9	295·6	- 0·1	278	+73
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MAY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	956·2	1011·5	+ 1·0	306·7	308·5	sev.dates	293·2	289·5	14th	299·9	*298·6*	+ 0·1	73	+63
716	Morelia	19 42	101 7	1923	809·2	1007·6	+ 1·1	298·0	302·5	21st	287·0	283·7	15th	292·5	*292·2*	- 0·5	58	+14
717	Mexico, Tacubaya	19 24	99 12	2309	774·4	..	0·0	298·4	302·7	22nd	282·8	277·8	8th	290·6	289·5	- 0·8	65	+14
718	Salina Cruz	16 12	95 12	56	1004·2	1010·6	- 0·3	303·8	308·6	4th	297·0	293·0	sev.dates	300·4	*300·8*	- 0·5	36	-49
719	San Salvador	13 42	89 13	682	937·1	1011·9	+ 0·4	306·6	309·0	7th	292·0	288·4	6th	299·3	*298·3*	+ 1·0	202	+29
720	Belize	17 31	88 11	5·2	1012·5	1013·0	+ 0·8	..	..	..	297·0	289·1	8th	..	♯*298·9*	- 1·2	14	-81
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·0	0·0	303·2	305·9	15th	296·4	291·9	6th	299·3	*299·3*	+ 0·1	99	-60
722	Port au Prince	18 33	72 20	37·4	1009·5	1013·8	- 0·2	304·9	308·3	1st	295·2	292·3	5th	300·1	*298·7*	+ 0·3	191	-47
723	Caracas	10 30	66 56	1042	898·5	1012·0	- 0·2	300·8	304·0	25th	290·1	287·4	2nd	295·5	*294·1*	+ 0·3	18	-53
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·7	1014·5	- 0·8	302·8	305·2	4th	295·9	294·1	20th	299·3	*298·9*	+ 0·4	233	+112
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·1	1013·6	+ 0·7	303·7	304·7	17,19,23	296·2	294·1	sev.dates	299·9	*299·5*	+ 0·4	16	-90
725	Barbados	13 8	59 36	55·2	..	1014·5	+ 0·3	303·9	304·7	13th	296·7	295·2	7th,14th	300·3	*300·2*	+ 0·6	7	-56
726	São Vicente, C. Verde Is.	16 54	25 4	11	1013·8	1015·1	+ 0·5	296·7	297·5	24,29,31	293·3	292·0	3rd	295·0	*295·5*	- 0·1	0	0
727	São Tiago, C. Verde Is.	14 54	23 31	34	†1009·4	†1013·3	- 1·4	300·1	302·2	13th	293·9	292·2	8th	297·0	*297·3*	+ 0·1	0	0
728	Dakar	14 40	17 26	32	1008·9	1012·6	..	300·2	305·7	6th	293·2	292·6	1st	296·7	*296·5*	- 0·5	0	- 2
729	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·3	303·0	20th	293·7	293·6	2nd	297·0	*296·8*	- 0·9	11	..
730	Médébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
731	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
732	Sokoto	13 2	E. 5 14	353	..	..	..	312·4	315·8	2nd	298·9	295·2	19th	305·7	*305·4*	+ 0·4	28	-22
733	Kaduna Capital	10 32	7 25	†637	..	..	..	304·5	308·0	8th,9th	..	..	..	..	♯*298·8*	0·0	172	+27
734	Hadejia	12 40	10 5	?	..	..	..	313·7	315·8	3rd,8th	..	..	..	..	♯*304·3*	- 0·9	36	+ 3
735	Maiduguri	11 47	13 11	361	..	..	..	315·1	318·6	21st	298·1	294·7	24,26,27	306·6	*306·3*	+ 0·5	57	+19
736	El Fasher	13 32	25 18	730	928·0	1005·0	..	312·3	316·0	5th	294·4	288·0	9th	303·4	*302·4*	+ 0·3	9	+ 1
737	Wâu	13 11	30 14	563	945·6	1007·2	+ 1·4	311·7	315·5	5th	296·5	292·6	16th	304·1	*302·9*	- 0·2	19	+ 6
738	Khartoum	15 37	32 33	390	964·0	1006·2	+ 0·5	315·4	318·0	28th	299·6	295·9	8th	307·5	*307·4*	+ 0·8	5	+ 2
739	Port Sudan	19 37	37 13	5·5	1007·6	1008·3	- 0·3	309·9	314·3	28th	298·5	294·7	18th	304·2	*304·0*	+ 1·8	0	- 1
740	Berbera, Somaliland	10 22	45 2	13·8	1006·4	1008·0	- 0·2	307·2	313·6	30th	300·0	298·6	sev.dates	303·6	*303·4*	- 0·6	0	- 7
741	Aden	12 45	45 3	28·7	1006·2	1009·4	+ 0·3	307·7	310·7	9th	300·8	298·7	3rd	304·3	*303·6*	+ 0·7	0	- 3
742	Bombay	18 54	72 49	11·3	1008·1	1009·3	0·0	306·4	307·3	29th	299·9	298·6	2nd	303·2	302·8	+ 0·3	0	-21
743	Kodaikanal	10 14	77 28	2343	771·9	..	+ 1·0	295·6	297·3	24th	286·2	284·3	10th	290·9	*290·0*	+ 1·5	80	-73
744	Bangalore	12 59	77 38	921	909·2	1007·9	+ 0·5	308·5	310·5	4th	294·5	291·7	11th	301·5	*300·5*	+ 1·7	58	-53
745	Madras	13 4	80 14	6·7	1005·6	1006·4	- 0·5	311·4	316·3	31st	301·5	298·2	10th	306·4	*305·9*	+ 1·4	1	-26
746	Vizagapatam	17 42	83 19	11·6	1003·7	1005·0	- 0·9	307·4	314·2	29th	301·4	299·2	6th	304·4	*303·8*	+ 0·3	12	-39
747	Port Blair	11 40	92 40	18·0	1006·8	1008·8	+ 0·1	304·1	305·7	16th	298·7	295·6	26th	301·4	*300·8*	- 0·2	499	+97
748	Rangoon	16 46	95 48	5·5	1007·8	1008·4	- 0·1	305·8	308·7	8th	297·9	294·9	18th	301·9	*300·6*	- 0·2	339	+35
749	Cap St. Jacques	10 20	107 5	180	..	1009·1	..	303·6	305·8	19th	297·2	294·4	28th	300·4	*300·0*	- 1·0	246	+50
750	Whatrang	12 15	109 12	3·6	..	1007·2	..	305·3	306·4	14th,15th	297·3	296·4	11th	301·3	*300·8*	- 0·2	20	-31
751	Bolinao	16 23	119 53	2	..	1007·4	- 0·1	306·6	309·3	13th	297·9	295·7	14th,23rd	302·3	*302·0*	+ 0·3	149	-20
752	Vigan	17 34	120 23	12·2	..	1007·4	- 0·7	306·7	308·2	30th	298·9	297·5	22,28,31	302·8	302·2	+ 0·4	141	-32
753	Manila	14 35	120 59	14·2	..	1007·9	- 0·5	306·5	308·9	1st	297·8	295·5	5th	302·1	301·5	+ 0·1	103	-13
754	Ormoc	11 0	124 36	5·6	..	1007·4	- 0·5	308·6	308·0	16th	296·1	293·9	5th	301·3	*300·8*	+ 0·8	74	-14
755	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·6	- 0·6	304·1	305·2	1st,28th	298·2	297·0	6th,27th	301·1	*301·7*	+ 0·6	189	+86
756	Saipan	15 14	145 46	207	987·2	1007·3	..	301·9	303·1	28th	296·8	294·6	13th	299·3	299·2	..	178	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110.
♯Change of normals, see pages 110 and 111.

MAY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
B.		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·7	1011·4	+ 0·6	304·3	308·3	27th	..	..	..	..	‡*302·1*	+ 0·9	155	+11
821	Cristobal	9 23	79 23	11·0	..	1010·7	0·0	303·9	305·8	30th	298·3	296·3	29th	301·1	300·6	+ 1·0	323	..
822	Bogota	4 36	74 5	2645	746·7	..	..	292·1	296·2	4th	283·6	281·9	9th	287·8	287·3	..	97	..
822a	∮Merida, Venez.	8 36	71 9	1641	‡ 841·5	..	0·0	297·3	299·6	25th,26th	288·9	287·5	20th	293·1	*291·9*	..	222	..
823	Ciudad Bolivar	8 9	63 33	38	1007·1	1011·4	..	305·8	308·1	10th	296·9	295·2	27th,31st	301·4	*300·6*	- 0·2	112	..
824	El Peru, Guayanavieja	7 19	61 49	220	985·8	1010·7	0·0	303·2	305·4	11th	295·3	293·8	26th,28th	299·3	*298·8*	+ 0·1	219	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·5	- 0·3	302·1	303·3	11th	297·8	295·8	18th	299·8	*299·5*	0·0	403	+55
826	Paramaribo	5 49	55 9	3·7	..	1012·7	- 0·3	303·5	304·9	1st,13th	296·6	295·6	21st	300·1	*299·2*	+ 0·2	366	+46
826a	Cayenne	4 56	52 21	8	..	..	..	301·0	302·5	11th	298·1	295·5	16th	299·6	*298·6*	+ 0·1	609	+48
831	10°-5°N. 30°-25°W.	††7 5	††27 8	§(110-138)	..	1013·5	+ 1·1	..	..	Sea Temp. 299·1|-0·1	..	..	..	..	..	0·0	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	207	+27
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·1	1012·0	+ 0·8	303·8	305·8	2nd	296·2	293·6	6th	300·0	*299·3*	- 0·5	193	..
835	Assuantsi	5 18	1 15	101	..	..	..	303·3	306·3	1st	..	..	..	..	..	..	182	..
836	Accra	5 33	W. 0 12	16·0	1009·3	1011·1	+ 0·5	302·7	305·5	4th	297·0	294·2	13th	299·9	*299·5*	- 0·4	230	..
837	Lagos	6 27	E. 3 24	3·0	1009·3	1009·6	- 1·0	303·3	304·7	14th,18th	297·3	294·7	17th	300·3	*299·6*	- 0·4	389	..
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	303·8	305·2	..	294·7	288·0	..	299·3	*298·7*	..	288	..
839	Yola	9 12	12 30	259	..	..	..	309·9	312·4	8th	296·7	294·1	5,19,31	303·3	*302·8*	+ 0·8	105	..
841	Wau	7 42	28 3	440	..	..	..	..	..	..	294·8	292·5	23rd	..	*300·0*	- 0·2	189	..
843	∮Malakal (Kodok)	9 35	31 37	394	965·6	1009·8	+ 1·1	307·8	311·8	5th	295·3	292·0	22nd	301·6	*300·0*	- 0·9	34	..
843a	∮Mongalla	5 11	31 47	448	959·8	1010·0	+ 0·4	306·3	310·8	9th	296·5	293·5	17th	300·9	*?298·9*	- 0·3	86	..
844	Entebbe	0 5	32 29	1171	885·1	1011·8	+ 0·8	297·4	299·1	18th,29th	290·7	289·1	24th,28th	294·1	*293·5*	- 0·3	240	..
845	Sheikh	9 55	45 15	1463	..	..	..	300·2	302·4	16th,17th	289·1	285·8	19th	294·7	..	..	100	..
851	Minicoy	8 17	72 49	2·1	1009·6	1009·8	- 0·2	305·2	306·8	8th	299·6	295·3	31st	302·4	*301·8*	..	212	..
851a	Cochin	9 58	76 21	2·7	1009·8	1010·2	+ 0·3	304·5	306·2	23rd	299·3	295·6	16th	301·9	*301·3*	+ 0·2	101	..
852	∮Colombo Observatory	6 54	79 52	7·3	..	1009·1	+ 0·9	304·0	304·7	5th,14th	298·4	296·6	8th	301·2	*300·6*	+ 0·4	71	..
853	∮Nuwara Eliya	6 58	80 46	1886	..	..	..	295·6	297·7	14th	285·0	280·8	18th	290·3	*289·5*	+ 0·4	11	..
854	∮Trincomalee	8 35	81 15	30·2	..	1006·4	+ 0·9	307·0	308·9	28th	299·1	297·1	10th	303·1	*302·5*	+ 0·7	..	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·1	- 0·2	..	..	..	..	..	..	..	..	..	71	..
856	Medan	3 35	98 41	25·0	..	1008·8	- 0·2	304·6	307·1	14th	296·4	294·9	27th	300·5	299·8	+ 0·2	112	..
857	Penang	5 34	100 20	5·0	..	..	..	306·8	307·2	30th	295·4	294·7	4th	301·1	*300·4*	+ 0·2	189	..
858	Singapore	1 18	103 51	10·9	1008·0	1009·2	+ 0·3	304·7	305·9	1st	297·2	296·1	28th	300·9	*300·4*	+ 0·1	104	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·7	305·8	1st,2nd	297·7	296·3	22nd	301·2	*301·4*	+ 0·1	140	..
860	Iwahig	9 44	118 38	14·3	..	1007·6	+ 0·1	305·7	307·2	2nd	296·3	295·3	12th	301·0	*300·3*	+ 0·5	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·6	- 0·7	305·5	306·9	26th	297·4	296·0	23rd,30th	301·5	300·7	+ 0·1	941	..
861a	Menado	1 30	124 50	8·5	..	1008·1	- 0·6	304·1	306·4	12th	296·4	294·9	31st	300·3	299·8	+ 0·5	55	..
862	Surigao	9 48	125 29	6·0	..	1008·3	- 0·2	304·3	306·0	11th,13th	297·8	296·0	30th	301·1	300·7	+ 0·6	99	..
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·0	+ 0·5	303·4	306·0	19th,28th	298·2	296·0	3rd	300·8	300·4	+ 0·1	491	..
864	Palau	7 20	134 29	31·8	1005·3	1008·9	..	303·6	305·3	13th	297·9	295·9	26th	300·7	300·4	..	369	..
867	Ponape	6 58	158 13	38·9	1004·7	1009·1	..	302·7	304·3	15th,29th	296·3	294·7	3rd	299·5	299·2	..	553	..
		N.	E.															

MAY - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	303·6	306·2	21st	295·3	293·8	5th	299·4	*299·2*	..	192	..
926	∮Taperinha	2 30	54 20	21·5	1009·4	1011·8	- 0·1	304·0	306·0	21st	296·1	294·8	30th	300·0	*298·7*	+ 0·7	241	..
927	Turyassu	1 43	45 26	9·1	1010·3	1011·4	+ 0·1	305·4	307·7	20th	295·1	294·0	22,23,24	300·2	*299·3*	+ 0·9	203	..
928	Barra do Corda	5 30	45 16	81·0	1000·6	1009·9	- 0·6	305·0	306·4	28th	293·3	290·5	19th,29th	299·2	*298·0*	+ 0·3	39	..
929	∮Quixeramobim	5 16	39 15	207	989·5	1013·0	+ 0·5	301·9	304·2	28th	296·3	294·7	20th	299·1	*299·4*	0·0	93	..
930	Fernando Noronha	3 50	32 25	106	1000·8	1012·7	- 0·3	300·1	301·0	1,4,5 Sea Temp.	297·6	295·5	29th	298·8	*298·9*	0·0	129	..
930a	5°-10°S. 35°-30°W.	††7 12	††33 36	§(43-44)	..	1013·9	..	..	..	299·8|-0·4	..	..	..	..	299·7	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1012·9	1014·7	+ 0·7	302·6	303·6	3,10,19	296·9	295·2	14th	299·7	*299·1*	0·0	6	..
939	Loanda	8 49	E. 13 13	51	..	1011·9	0·0	301·8	306·3	20th	296·1	294·0	16th	298·9	298·5	+ 1·2	0	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	300·5	305·2	30th,31st	288·2	286·3	3rd	294·3	..	..	140	..
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	298·6	300·8	20th	287·4	284·1	18th	293·0	..	..	227	..
944a	Zanzibar	6 10	39 11	17·1	1013·3	1015·2	- 0·2	301·1	303·0	26th,28th	297·3	296·2	31st	299·2	*298·7*	- 0·1	173	..
945	Lamu	2 16	40 50	3·0	..	..	..	301·9	303·6	4th	296·9	293·6	10th	299·4	*299·0*	- 0·7	356	..
947	Seychelles, Port Office	4 37	55 27	4·6	1010·2	1010·7	- 1·1	303·5	304·8	29th	297·3	295·8	20th	300·4	*299·6*	0·0	..	..
957	Padang	0 56	100 22	6·7	..	1010·0	- 0·1	303·8	305·0	21st	297·1	295·7	2nd	300·5	300·1	+ 0·3	296	..
958	Batavia	6 11	106 50	8·0	1008·6	1009·5	+ 0·1	303·8	305·8	13th	297·2	295·6	13th	300·5	300·0	+ 0·5	90	..
958a	Pontianak	0 1	109 20	2·6	..	1008·5	- 1·0	305·7	307·9	12th	298·3	296·8	29th	302·3	300·9	+ 0·8	307	..
959	Pasuruan	7 38	112 55	5·0	..	1010·1	+ 0·2	304·7	306·4	1st	296·0	293·1	30th	300·3	300·2	+ 0·7	83	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	12	..
962	Amboina	3 42	128 10	4·2	..	1008·9	- 0·5	301·1	303·3	11th	299·9	295·4	14th	300·5	298·9	- 0·1	697	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	158	..
965	Daru	9 4	143 13	7·6	..	..	..	301·1	..	..	..	..	..	299·0	*298·6*	- 0·5	351	..
966	Port Moresby	9 29	147 9	38·4	..	1010·9	+ 0·6	302·9	..	..	296·9	..	..	299·9	*299·5*	0·0	57	..
967	Rabaul	4 9	152 12	12·5	1007·2	1008·6	- 0·2	305·9	307·6	10th	296·3	294·8	12th	301·1	*300·5*	+ 0·4	130	..
969	Tulagi, Brit.Solomon Is.	9 6	160 10	2·1	..	..	..	304·3	305·3	1st	297·6	296·5	30th	300·9	*300·6*	+ 0·3	..	..
970	Ocean Island	0 52	169 35	42·6	1005·3	1010·2	- 0·1	305·1	306·3	8th	298·4	297·4	2,27,28	301·7	*301·0*	+ 0·6	31	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MAY - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002 1003	Apia, Samoa Alofi, Niue Island	13 48 19 2	171 46 169 55	2·0 19·8	.. ..	1010·3 1013·6	- 0·6 - 0·6	302·7 301·7	303·4 303·6	19th,23rd 8th,13th	296·3 294·0	294·6 290·8	10th 17th	299·5 297·8	299·4 *297·5*	+ 0·1 + 0·4	165 87	+11 -35
1021 1022	Lima Tacna	12 5 18 0	77 3 70 18	111 560	.. ..	.. ..	.. ..	.. ..	.. ..	.. sev.dates	.. 299·7	.. 302·0	..	.. 284·3	.. 283·0	.. 29th,31st	.. 292·0	.. *290·4*	+ 0·9	.. 0	.. 0
1025 1026 1027 1028 1030	Corumba Cuyaba Bello Horizonte Castite Ondina (Bahia)	18 59 15 36 19 55 14 3	57 39 56 6 43 57 42 37	116 165 895 897	999·6 993·5 915·9 917·2	1012·7 1012·2 1014·7 1015·9	+ 0·2 + 0·2 - 0·7 + 0·7	302·4 305·1 299·7 301·0	307·8 308·5 303·2 305·9	1st 1st 7th 4th	291·3 291·7 287·6 288·2	281·9 295·8 283·8 285·8	13th 14th 16th 17th	296·8 298·4 293·6 294·6	*296·5* *297·0* *292·8* *294·6*	0·0 + 0·1 + 1·1 + 0·3	39 11 25 2	-34 -38 +11 -12
1030a 1030b	Aracaju 15°-20°S. 40°-35°W.	10 55 ††17 31	37 3 ††38 6	6·1 §(43-45)	1015·1 ..	1015·9 1016·0	+ 1·1 ..	301·4 ..	302·2 ..	10th Sea Temp. 299·0|+0·2	295·5 ..	292·8 ..	31st ..	298·4 ..	*298·2* ..	.. ..	86 ..	.. ..
1030c	10°-15°S. 40°-35°W.	††12 37	††36 19	§(41-44)	..	1015·4	..	..	..	299·5|+0·1	..	..	..	..	299·3	..	..	..
1030b	St. Helena	15 57	W. 5 40	579	948·2	1015·0	+ 1·2	292·3	293·6	1,8,13	287·7	286·3	11,26,28	290·0	*289·8*	- 0·3	41	..
1039 1040 1040a 1042	Mossamedes Livingstone Elisabethville Uwelo	15 12 17 51 11 39 19 26	E. 12 9 25 51 27 28 30 2	12·5 972 1236 1411	.. 911·1 880·5 ..	.. 1019·3 1015·0 ..	.. .. + 2·2 ..	.. 299·7 .. 295·7	.. 302·6 .. 299·7	18th 5th 29th 15th	.. 283·3 .. 280·4	310·4 278·4 .. 277·4	28th 29th .. 29th,30th	286·2 291·5 .. 288·1	27th	*295·9*	+ 3·0 .. .. - 0·7	 0
1043 1044 1045 1046	Salisbury (Dept. Agric.) Lomba Mossuril Antananarivo	17 48 14 57 18 55	31 5 40 40 47 33	1489 15 1375	857·3 911·7 .. 866·3	1020·1 1018·5 1016·1 1014·6	+ 0·9 + 2·2 .. - 0·2	295·8 295·1 301·6 296·4	298·5 296·6 303·0 299·2	1st 25th 6th 6th	280·3 286·4 292·9 285·8	277·0 282·4 291·6 281·9	29th 28th 22nd,28th 16th	288·1 290·7 297·3 291·1	287·1 *290·3* 297·0 291·5	- 0·8 - 1·1 .. + 2·2	0 21 57 29	-12 - 5 .. +15
1052 1057	Cocos, Keeling Is. Christmas Island	12 5 10 25	96 53 105 43	4·6 5·5	1013·3 1008·2	1013·9 1008·8	+ 0·6 + 0·5	302·7 304·8	303·7 306·3	2nd 1st	299·1 297·7	297·2 295·8	10th 19th	300·9 301·3	*300·5* *300·5*	+ 0·7 + 0·8	75 59	-127 -167
1061 1061a 1062 1063 1064 1065 1066 1066a	Kupang ∮Derby ∮Hall's Creek ∮Darwin ∮Daly Waters ∮Wain ∮Georgetown, Queensland Willis Island	10 10 17 18 18 13 12 28 16 16 13 15 18 22 16 18	123 34 123 40 127 46 130 51 133 23 142 50 143 32 149 59	45·1 16·2 373 29·6 211 122 302 8·5	.. 1013·0 974·1 1008·5 989·9 997·4 981·0 1012·1	1011·8 1014·7 1016·0 1011·8 1013·7 1011·6 1015·8 1013·3	+ 1·2 + 1·2 + 1·0 + 0·9 + 0·6 + 0·8 + 1·6 ..	304·7 305·6 303·4 305·8 304·3 302·1 302·4 300·3	306·3 311·3 308·8 307·6 309·7 308·5 306·3 301·6	28th 1st 1st 8th 10th 11th 11th 11th	294·8 291·2 286·0 294·4 289·1 291·8 283·8 296·2	291·6 285·8 277·2 289·7 284·7 286·4 277·4 292·9	29th 16th,17th 16th 18th 17th 15th 15th 28th	299·7 298·3 294·7 300·1 296·7 296·9 293·1 298·2	299·1 .. *294·1* *298·9* *296·1* .. 292·5 *298·2*	- 0·1 - 0·1 + 0·1 - 0·5 + 0·1 .. - 2·4 ..	1 0 0 0 0 .. 0 7	-27 -16 - 9 -17 - 4 -12 -10 ..
1067 1072	Samarai Suva, Fiji	10 37 18 8	150 40 178 26	6·1 6·1	.. 1011·1	1011·6 1011·8	+ 0·8 - 0·8	302·3 301·4	.. 303·6	.. 7,17,28	296·7 295·2	.. 293·0	.. 7th	299·5 298·3	*299·2* *298·0*	+ 0·3 + 0·6	347 346	+23 +30
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

MAY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·1	303·0	7th	292·2	289·7	20th	296·1	*295·8*	- 0·1	99	-50
1020	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·9	1017·1	+ 0·3	289·9	292·0	22nd	285·0	283·0	1st,22nd	287·5	*287·4*	+ 0·8	15	-15
1021	Iquique	20 12	70 11	6	1015·0	1015·7	+ 0·3	291·9	293·4	8th	..	..	..	..	*289·1*	- 1·0	0	0
1024	Catamarca	28 27	65 47	510	955·6	1014·8	+ 1·4	293·8	300·0	21st	282·3	278·3	12th	288·0	*287·2*	- 1·7	20	+ 7
1025	Salta	24 46	65 28	1182	883·0	1014·3	+ 0·7	291·7	303·9	22nd	281·7	277·9	20th	286·7	286·5	- 0·9	10	+ 1
1026	Goya	29 9	59 15	37	1012·1	1016·5	+ 0·7	295·2	303·3	27th	285·8	..	..	290·5	*289·7*	+ 0·4	84	+15
1027	Asuncion	25 17	57 41	93	1005·8	1016·7	+ 1·8	297·3	303·6	29th	289·7	280·3	13th	293·5	*292·6*	+ 0·6	189	+56
1028	Curityba	25 25	49 17	908	915·2	1017·9	- 0·3	293·2	298·2	9th	282·8	274·9	13th	288·0	*287·2*	+ 0·4	59	-45
1030	Rio de Janeiro	22 54	43 10	18·3	1014·6	1016·7	- 0·1	300·1	304·8	1st,29th Sea Temp.	292·6	289·6	15th	296·4	295·5	+ 0·7	26	-55
1030a	25°-30°S. 50°-45°W.	††27 35	††47 48 W.	§(30-35)	..	1016·7	..	..	..	294·5|+0·3	..	..	..	..	293·3	..	..	..
1040 1040a 1041 1042 1043 1044 1045 1046	Windhoek O'okiep Kimberley Johannesburg Bulawayo	22 34 29 36 28 42 26 11 20 9	E. 17 6 17 52 24 47 28 4 28 36	1727 933 1202 1806 1349	834·3 915·1 888·7 828·6 873·2	1019·7 1010·3 1023·1 1023·4 1022·2	.. + 1·9 + 2·8 + 2·6 + 1·5	294·4 297·6 296·0 291·3 294·4	296·9 301·8 299·8 296·8 297·9	5th 1st 1st 1st 25th	282·2 286·2 279·3 280·5 281·7	279·0 278·2 274·0 277·4 279·2	21st 25th 26th 9th 22nd	288·3 291·9 287·7 286·1 288·1	*287·5* *291·2* 287·1 *285·7* *287·3*	- 0·5 + 4·2 + 1·5 + 0·7 - 1·1	0 0 0 5 0	- 8 -24 -19 -14 - 9
1047	Durban	29 52	31 3	15·2	1021·7	1023·5	+ 2·9	296·5	298·6	14th,23rd	288·7	285·8	22nd	292·6	*292·0*	+ 0·1	36	-12
1048	Lourenco Marques	25 58	32 36	59·0	..	1023·1	+ 4·1	298·1	302·6	16th	288·1	284·0	8th	293·1	292·5	- 0·8	37	- 3
1049	Mauritius	20 6	57 33	55·2	1009·6	1016·0	- 0·4	298·9	301·7	8th	293·1	288·7	31st	296·0	295·8	+ 0·5	379	+302
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 113.

MAY – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1013·2	1013·6	- 0·8	301·6	306·3	1st,9th	288·9	283·6	18th	295·2	..	0·0	33	- 1
1160	∮Cue	27 27	117 52	454	966·3	1018·2	+ 1·1	296·3	303·7	3rd	283·7	275·0	11th	290·0	..	- 0·1	50	+21
1161	∮Nullagine	21 53	120 5	386	973·5	1015·7	+ 0·3	300·9	306·9	1st	283·2	277·1	16th	292·1	..	- 0·9	11	- 4
1162	∮Laverton	28 40	122 23	466	966·7	1020·3	+ 1·4	296·0	302·8	8th	282·3	274·1	10th	289·2	*289·1*	+ 0·5	13	-23
1163	∮Alice Springs	23 38	133 37	587	952·3	1019·1	+ 1·2	296·9	303·6	9th	281·3	274·1	20th	289·1	*289·0*	+ 0·8	0	-25
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	..	..	..	..	..	..	..	..	..	..	..	..	0	-21
1165	∮Thargomindah	27 58	143 43	123	1000·2	1017·3	+ 1·6	298·9	305·1	31st	284·3	277·6	15th	291·6	*291·5*	- 0·7	0	-15
1166	∮Mitchell	26 32	147 52	336	1005·6	1020·2	+ 2·1	295·8	301·0	12th	282·5	277·6	14th	289·2	*289·0*	- 0·3	14	- 6
1167	∮Rockhampton	23 24	150 30	11·3	981·7	1020·7	+ 2·8	294·2	297·7	9th,10th	278·4	271·9	18th	286·3	..	- 1·3	3	-26
1168	∮Brisbane	27 28	153 2	41·8	1017·3	1018·7	+ 1·3	297·8	300·3	1st	285·6	277·7	15th	291·7	..	- 1·6	46	- 2
1170	Norfolk Island	29 4	167 59	14·9	1016·0	1020·5	+ 1·9	295·1	298·2	1st	284·9	281·1	14th	290·0	*289·2*	- 1·1	137	+ 1
		S.	E.		1016·2	1018·0	+ 0·4	293·5	297·7	1st	..	..	..	..	..	..		

MAY – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	973·4	1014·2	..	288·3	291·8	4th	283·9	281·9	22nd	286·1	*285·4*	..	221	..
1221a	Punta Tumbes	36 37	73 6	120	1000·0	1014·5	- 1·6	287·6	291·0	11th	283·0	280·5	16th	285·3	*285·1*	+ 0·3	263	..
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1011·8	1016·7	+ 0·2	289·4	293·0	2nd	284·1	281·4	2nd	286·7	*286·6*	+ 0·5	183	..
1222a	∮Santiago	32 27	70 42	520	955·4	1016·5	- 0·6	290·1	299·7	3rd	278·6	274·7	23rd	284·3	*283·7*	+ 0·2	97	..
1223	Cordoba	31 25	64 12	423	966·7	1016·4	+ 1·0	292·0	299·4	22nd	280·6	270·3	12th	286·3	285·8	- 0·4	131	..
1224	Bahia Blanca	38 45	62 15	25	1015·4	1018·5	+ 4·0	288·5	293·8	18th	278·2	273·0	12th	283·3	*283·1*	- 1·4	44	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·9	1018·0	+ 1·2	290·3	294·6	16th	282·6	274·2	13th	286·4	286·3	+ 0·5	116	+41
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1017·0	+ 2·4	..	293·4	15th,16th	..	279·5	13th	..	*286·8*	- 0·6	106	+29
1226a	Porto Alegre	30 2	51 13	23·5	1014·8	1017·4	- 0·1	293·4	298·3	16th	285·8	278·4	25th	289·5	289·2	- 0·7	188	+72
1226b	30°-35°S. 55°-50°W.	††32 54	††52 3 W.	§(27-33)	..	1013·5	..	..	..	Sea Temp. 290·2	-0·4	..	..	..	289·8	..	..	..
1239	Cape Town	33 56	E. 18 29	12·2	1019·8	1021·3	+ 3·4	295·1	305·1	21st	284·2	280·2	30th	289·6	*288·1*	+ 1·7	8	- 6
1240	Danger Point	34 37	19 18	27·7	1019·4	1022·7	+ 4·7	291·4	301·3	3rd	285·1	279·7	29th	288·2	..	+ 0·4	15	- 1
1241	Riversdale	34 6	21 16	61·0	..	..	..	297·8	304·7	22nd	280·8	276·3	25th	289·3	..	+ 1·5	20	- 1
1242	East London	33 2	27 55	44·8	1016·9	1022·2	+ 4·1	294·8	304·7	20th	285·3	281·3	28th	290·1	..	+ 0·3	28	- 1
1259	∮Perth (Observatory)	31 57	115 51	60·0	1011·6	1018·7	+ 0·3	294·7	304·7	3rd	284·1	278·0	10th	289·4	*289·4*	+ 0·5	129	+ 4
1260	∮Katanning	33 42	117 35	310	982·0	1018·7	+ 0·4	292·2	301·4	5th	279·6	274·1	10th	285·9	..	0·0	48	+ 1
1261	∮Coolgardie	30 57	121 10	423	971·0	1020·0	+ 0·8	294·3	301·8	6th	280·6	273·7	10th	287·4	*287·3*	+ 0·1	13	- 9
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	∮Streaky Bay	32 48	134 13	13·1	1021·3	1022·9	+ 2·5	292·9	298·6	8th,9th	282·7	277·2	19th	287·8	*287·3*	- 0·3	38	- 2
1264	∮Adelaide	34 56	138 35	42·7	1017·7	1022·9	+ 2·9	291·8	299·1	9th	282·4	277·1	19th	287·1	*286·9*	- 0·2	44	- 1
1265	∮Melbourne	37 49	144 58	35·1	1018·0	1022·4	+ 3·2	289·2	294·7	8th	281·5	274·8	20th	285·3	*285·0*	+ 0·2	57	- 1
1266	∮Bourke	30 13	145 58	110	1010·5	1023·8	+ 3·1	294·8	299·1	9th,10th	281·1	276·3	17th	287·8	..	- 0·7	15	- 6
1267	∮Sydney	33 51	151 13	42·1	1016·2	1021·3	+ 2·8	291·9	296·2	4th	283·2	280·7	13th	287·6	*286·6*	- 0·3	70	+24
1268	Lord Howe Island	31 20	159 0	4·9	1018·5	1019·0	+ 1·6	293·3	296·1	4th	287·9	282·4	29th	290·6	..	- 0·6	77	+31
1271	Auckland	36 50	174 50	13·4	..	1014·3	- 1·5	291·2	294·7	14th	286·1	283·0	23,25,31	288·7	..	+ 2·0	255	+91
1272	Napier	39 29	176 55	1·5	..	..	..	290·4	295·5	2nd	282·8	274·4	25th	286·6	..	+ 1·3	169	+71
		S.	E.															

MAY – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·5	1016·5	+ 4·7	283·1	284·8	1st	279·3	275·5	31st	281·2	*281·7*	- 0·5	72	..
1322	Punta Galera	40 1	73 44	40	1010·8	1015·7	+ 1·2	286·0	287·0	sev.dates	282·2	279·8	16th	284·1	*283·9*	+ 0·3	188	..
1323	Sarmiento	45 34	69 0	272	985·3	1018·4	+ 7·8	284·4	290·3	15th	271·6	265·4	12th	278·0	277·6	- 2·1	13	..
1324	Puerto Madryn	42 49	W. 64 58	14	1015·8	1017·9	+ 6·7	288·3	295·2	20th	274·6	268·7	12th	281·4	282·7	- 0·7	43	-41
1365	∮Launceston	41 27	E.147 10	10·1	1017·4	1018·6	+ 2·0	288·2	291·8	6th,10th	278·6	271·3	18th	283·4	*282·8*	+ 0·3	35	- 7
1366	∮Hobart	42 53	147 20	53·9	1011·7	1018·4	+ 3·1	287·0	293·0	10th	280·1	274·8	17th	283·6	*283·0*	+ 0·3	36	- 7
1370	Invercargill	46 25	168 21	3·7	..	..	..	286·7	291·3	13th	277·6	270·2	28th	282·1	..	+ 1·3	90	..
1371	Dunedin	45 52	170 31	6·1	..	1010·1	- 3·9	286·8	293·0	13th	278·6	271·3	25th	282·7	..	+ 1·3	34	..
1371a	Christchurch	43 31	172 39	7·6	..	1010·9	- 2·8	286·3	293·8	4th	276·9	271·5	28th	281·6	..	- 0·2	58	..
1372	Wellington	41 16	174 46	128	..	1011·8	- 3·2	288·3	291·4	3rd	282·4	277·6	27th	285·4	285·0	+ 0·8	113	..
		S.	E.															

MAY – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	1007·2	1014·0	+13·7	280·3	283·5	18th	277·9	275·8	9th	279·1	*279·5*	+ 0·9	96	..
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1010·2	1013·7	+11·6	280·9	287·5	17th	275·0	271·0	30th,31st	277·9	*278·5*	+ 1·4	3	..
1423	Punta Dungeness	52 24	68 26	5	1011·6	1012·2	+11·6	..	..	..	275·7	271·2	27th	..	*278·2*	0·0	1	..
1424	Santa Cruz	50 1	68 31	12	1013·5	1015·0	+11·9	282·6	291·0	17th	272·4	266·0	28th	277·5	277·4	- 0·7	31	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1004·8	+ 3·1	280·1	286·3	20th	272·5	268·6	11th,25th	276·3	..	- 0·8	..	..
1426	Cape Pembroke	51 41	57 42	21·3	1004·9	1007·5	+ 6·2	280·1	283·6	18th	274·3	269·7	25th	277·2	277·1	- 0·6	90	..
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	987·8	988·3	- 7·1	274·7	284·4	20th	268·1	262·1	30th	271·4	*271·5*	- 1·6	..	..
		S.	W.															

MAY – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	7	992·2	993·1	+ 0·4	282·1	277·0	19th	252·0	242·2	11th	257·0	258·0	- 8·0	20	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, JUNE 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF JUNE, 1928
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

JUNE – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	7·0	..	1014·5	- 1·2	280·7	290·8	19th	272·3	262·4	2nd	276·5	..	+ 1·9	0	- 7
125	Upernivik	72 47	56 7	19·2	1014·2	1016·5	+ 4·5	281·2	287·2	15th	274·3	271·0	1,2,9	277·7	*277·9*	+ 3·2	21	+ 8
131	Mygbukta	73 30	21 30	3·2	..	1020·7	..	..	286·6	27th	..	267·3	3rd	..	*273·2*	..	10	..
132	Scoresbysund	70 29	21 58	16·9	1016·6	1018·7	..	278·7	281·6	16th	271·1	267·9	5th	274·9	*274·5*	..	3	..
135	Jan Mayen	70 59	W. 8 18	23·1	1013·0	1015·9	+ 2·6	..	280·4	17th	272·7	269·1	3rd	..	*274·9*	- 0·8	4	-11
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1017·2	1018·5	+ 5·6	..	278·7	15th	271·4	267·0	3rd	..	274·0	- 0·9	4	- 7
140	Björnöen	74 28	19 17	40·5	1009·9	1015·0	+ 2·9	..	279·8	27th	270·9	267·1	2nd	..	*272·5*	- 1·9	24	+ 3
141	Isgyy	71 4	24 6	7·5	1007·8	1008·7	- 1·8	..	288·6	30th	277·3	270·6	1st	..	*279·3*	+ 0·1	29	- 9
142	Sletnes	71 5	28 14	10·2	1009·7	1010·9	- 1·4	..	283·8	10th	275·8	271·3	1st	..	*277·8*	..	26	..
143	Vardö	70 22	31 8	11·8	1009·1	1010·5	- 2·8	..	285·8	30th	274·6	271·2	1st	..	277·6	- 1·1	31	- 9
147	Malye Karmakouly	72 23	52 43	15·3	1010·2	1012·1	+ 0·6	276·5	282·8	25th	272·1	266·2	7th	274·3	*274·0*	0·0	24	+ 9
148	Walgatz	70 24	58 47	11·2	1009·2	1010·6	- 1·7	..	..	..	270·2	264·3	2nd	..	*271·7*	- 2·8	12	-11
153	Dickson	73 31	80 23	13·0	1010·2	1011·8	0·0	..	..	..	270·9	265·6	1st	..	*272·5*	- 0·2	5	-11
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

JUNE – ZONE 2.

201	Preobrajenye	N.	W.															
203	Nome	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204	Bethel	64 30	165 24	6·7	1010·0	1010·8	- 2·5	285·2	299·1	9th	277·1	272·4	1,8,16	281·2	*281·7*	+ 1·0	37	+ 5
205	Tanana	60 45	161 47	11·6	..	1011·8	..	289·0	300·8	8th	278·9	274·1	4th,5th	283·9	..	..	63	..
206	Rampart	65 10	152 6	69·5	1006·2	1013·9	+ 1·6	292·1	301·3	9th,10th	278·6	274·7	15th,29th	285·3	*286·1*	- 1·5	56	+31
207	Valdez	65 30	150 15	114	..	..	..	292·9	301·9	9th	277·9	274·1	1,5,24	285·4	..	- 2·0	24	- 1
208	Eagle	61 7	146 16	122	..	..	..	286·3	296·3	9th	276·8	274·1	1st	281·6	..	..	88	..
209	Dawson	64 46	141 12	248	982·5	1012·5	+ 1·6	293·4	299·7	9th	279·4	275·2	27th	286·4	*287·7*	0·0	35	- 4
210	Mayo Landing	64 4	139 29	324	974·3	1012·4	+ 2·1	294·7	301·9	20th	280·2	275·8	1st	287·4	*287·3*	+ 0·6	22	- 9
211	∮Fort Good Hope	63 35	135 51	579	954·1	1021·7	..	295·8	302·4	20th	279·1	274·7	5th	287·4	*286·9*	+ 2·2	40	..
212	Fort Simpson	66 25	128 53	65·2	1009·3	1017·1	+ 1·6	294·7	304·1	20th	281·3	275·2	10th,12th	288·0	..	+ 1·9	28	+12
213	Hay River	61 52	121 35	129	997·3	1012·7	+ 1·0	..	..	..	..	..	..	287·8	..	+ 1·7	21	-20
216	Jacobshavn	60 51	115 20	161	993·4	1012·8	+ 1·5	288·6	301·3	24th	278·0	273·0	3rd,5th	283·3	..	+ 0·3	23	- 6
217	Godthaab	69 13	51 2	31·6	1009·4	1013·3	+ 2·3	282·6	288·7	2nd	277·2	274·9	20th	279·9	*280·2*	+ 2·5	8	-13
218	Ivigtut	64 10	51 43	20	..	..	..	285·1	292·4	6th	276·4	272·8	15th	280·7	*280·0*	+ 2·6	16	-17
219	Angmagsalik	61 12	48 10	30·0	1011·0	1014·7	+ 5·1	287·0	293·0	6th	276·7	272·7	3rd	281·9	*282·3*	+ 1·2	34	-43
221	Stykkisholm	65 37	37 33	29·3	1013·9	1017·6	+ 4·6	282·8	289·8	18th	273·8	270·4	11th	278·3	*277·9*	0·0	26	-25
223	Westmanno	65 5	22 46	25	..	1014·3	+ 3·1	285·7	288·5	27th	277·8	274·3	12th	281·7	*281·0*	+ 0·2	21	-18
224	Grimsey	63 24	20 17	132	..	1012·8	+ 0·8	..	..	..	279·4	276·8	19th	..	*282·4*	+ 1·0	5	-78
224a	Akureyri	66 33	18 1	22·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Teigarhorn	65 41	18 5	7	..	1015·0	+ 2·4	..	..	..	..	..	..	..	..	..	..	..
226	Hjvig	64 41	14 22	18·0	..	1013·2	+ 0·9	284·8	290·5	1st	277·4	273·5	8th,10th	281·1	*280·4*	+ 2·1	30	+41
	Vardwick	62 3	6 45	22·9	1005·8	1008·6	- 5·4	282·7	285·7	20th	277·7	273·8	13th	280·2	*280·3*	- 1·9	24	- 1
227		60 8	W. 1 11	18·0	..	1007·3	- 6·7	284·2	289·1	2nd	276·6	276·9	5,9,14	281·9	*281·9*	- 0·8	69	+ 1
228	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1001·7	1007·1	- 6·3	285·8	290·5	1st	280·1	276·7	6th	282·9	*282·4*	- 2·5	184	+95
230	Aalesund	62 28	6 10	6·3	1005·6	1006·4	- 7·4	..	289·4	30th	280·0	273·6	4th	..	*281·9*	- 2·2	109	+56
231	Trondhjem	63 26	10 25	59·2	998·1	1005·3	- 8·7	286·2	293·3	11th	279·2	273·6	4th	282·7	*282·5*	- 2·5	86	+43
232	Bodö	67 17	14 2	22·3	1002·6	1005·3	- 8·2	..	293·5	23rd	279·2	272·3	4th	..	*282·8*	0·0	68	+15
233	Haparanda	65 50	24 9	9·2	1003·6	1004·7	- 6·4	286·9	295·0	27th	279·0	271·5	7th	282·9	*283·0*	- 1·5	91	+54
234	Helsingfors	60 10	24 57	11·7	1002·8	1004·2	- 8·2	287·6	292·9	11th	280·6	274·4	2nd	284·1	*284·0*	- 2·8	74	+28
240a	Kuopio	62 55	27 40	233	976·8	1004·7	- 6·7	286·8	294·0	11th	279·3	271·5	1st	283·1	*282·5*	- 3·9	87	+29
241	Kola	68 53	33 1	6·7	1007·9	1008·7	- 4·1	284·2	295·7	30th	277·1	272·2	1st	280·6	*280·8*	- 1·0	27	- 3
242	Petrozavodsk	61 47	34 23	79·0	995·5	1005·0	- 7·6	287·4	295·3	11th	279·7	274·4	8th	283·6	*283·4*	- 2·8	77	+19
243	Archangelsk	64 34	40 31	8·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Mezen	65 50	44 16	14·9	1004·0	1006·8	- 6·3	286·1	295·3	30th	276·4	269·8	1st,3rd	281·2	*281·4*	- 1·4	102	+60
247	Oust-Tsylma	65 25	52 18	68	996·0	1004·2	- 7·4	287·0	297·5	13th	277·3	270·4	3rd	282·4	*282·5*	- 1·0	51	+ 4
249	Tcherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	35·2	1004·6	1008·9	- 3·5	283·0	289·4	23rd	276·2	270·0	1st	279·6	*279·3*	- 1·0	20	-13
251	New Port	67 42	72 57	3·3	..	..	..	277·8	284·6	26th	272·3	262·7	3rd	275·0	*274·9*	..	25	..
252	Sourgout	61 15	73 24	48	998·6	1004·3	+ 5·1	..	..	..	..	..	..	..	*285·8*	+ 0·2	139	+80
253	Soudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	999·4	1004·8	- 4·3	..	..	..	..	..	..	..	*282·2*	+ 0·8	67	+27
255	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
256	Iakoutsk	62 1	129 43	108	992·7	1003·3	- 0·2	..	..	..	..	..	..	..	*288·7*	+ 0·1	5	-32
257	Verkholansk	67 33	133 24	100	986·2	998·0	- 5·6	..	..	..	..	..	..	..	*285·3*	- 0·5	55	+31
258	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
259	Maiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	22·7	1008·6	1011·4	- 1·8	..	..	..	..	..	..	..	*277·4*	- 0·4	17	- 4
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 105.

JUNE – ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	..	1010·5	- 1·9	279·7	281·9	25th,28th	275·0	270·8	2nd	277·3	..	- 0·6	47	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1008·6	1009·1	- 3·2	284·2	286·9	6th	277·7	274·7	2nd	280·9	*280·7*	+ 0·1	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	283·3	290·2	25th	277·3	274·1	25th	280·3	..	..	58	..
305	Dillingham	59 0	158 28	24·4	..	..	..	289·7	300·8	7th	278·7	273·0	28th	284·2	..	- 0·4	58	..
306	Kodiak (Radio)	57 47	152 22	4·6	1012·5	1013·2	- 1·7	287·1	293·0	8th	279·0	276·3	14th	283·1	*282·7*	- 0·1	‡80	..
309	Sitka	57 3	135 19	19·8	..	..	..	290·1	298·6	9th	279·1	275·2	18th	284·6	..	+ 0·8	30	..
310	Prince Rupert	54 18	130 18	51·8	1010·6	1016·9	+ 0·1	290·8	297·4	9th,10th	281·3	277·4	7th	286·1	*285·8*	+ 1·4	43	..
311	Barkerville	53 2	121 35	1274	867·3	1009·1	- 2·2	290·2	298·0	28th	278·0	270·2	6th	284·1	*283·6*	+ 1·2	145	..
312	∮Kamloops	50 41	120 29	385	967·2	1011·5	- 4·0	297·3	306·3	28th	285·8	279·2	6th	291·6	*291·6*	+ 0·7	39	..
313	Calgary	51 2	114 2	1058	892·2	1011·4	+ 1·4	291·9	300·2	27th	279·1	271·9	1st	285·5	*284·8*	- 1·0	215	..
314	Fort Chipewyan	58 42	111 10	218	985·6	1011·3	- 0·1	292·4	299·1	27th	282·4	272·4	14th	287·4	*289·2*	+ 2·8	32	..
315	Prince Albert	53 10	105 38	437	959·8	1010·7	- 0·7	293·6	303·0	29th	281·3	274·7	14th	287·4	*287·2*	- 0·2	42	..
316	Qu'Appelle	50 30	103 47	651	935·8	1010·8	- 0·5	292·4	298·6	28th	280·8	275·8	14th	286·6	*286·1*	- 1·5	119	..
317	Minnedosa	50 15	99 50	515	950·2	1009·9	- 1·6	292·4	300·2	29th	281·1	271·9	2nd	286·7	*286·7*	- 1·8	108	..
318	Berens River	52 18	97 23	216	..	..	..	292·9	301·3	29th	278·9	269·7	3rd	285·9	..	- 1·2	28	..
318a	Port Nelson	57 0	92 51	14·9	1012·7	1014·5	+ 1·2	285·8	299·7	24th	275·2	268·0	3rd	280·5	..	+ 0·2	10	..
319	Pagwa	50 3	85 18	189	..	..	..	292·5	300·2	30th	277·1	268·0	2nd	284·8	..	- 2·6	34	..
320	Moose Factory	51 14	80 30	9·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	∮Natashquan	50 8	61 48	6·1	..	..	..	293·4	301·9	3rd	281·1	275·2	5th	287·3	..	+ 1·8	92	..
326	Belle Isle	51 53	55 23	130	993·2	1009·6	- 1·2	286·5	293·6	24th	278·9	274·7	14th	282·7	..	- 0·2	..	..
333a	62°-57°N. 20°-15°W.	††59 31	††17 30	§(31)				281·3	285·8	30th Sea Temp. 283·9	276·1	272·4	10th	278·7	*278·4*	+ 0·6	..	..
334	Valentia Observatory	51 56	10 15	13·7	..	..	..	..	..	..	..	..	..	..	283·9	..	..	..
335	Aberdeen	57 10	W. 2 6	26·0	1009·9	1011·5	- 4·5	289·1	293·6	4th	284·0	279·0	12th	286·5	286·5	- 0·3	148	..
336	Greenwich	51 28	0 0	46·3	1006·6	1009·8	- 5·0	286·3	291·3	24th	280·3	277·4	5th	283·3	283·3	- 1·2	83	..
337	Uccle	50 48	E. 4 22	100	..	1014·1	- 2·3	293·4	298·6	13th	281·5	275·8	17th	287·4	287·1	- 0·9	58	..
338	De Bilt	52 6	5 11	3·0	1003·0	1015·0	- 1·2	293·6	299·1	25th	282·2	276·0	16th	287·9	287·2	- 1·0	75	..
338a	Hamburg	53 33	9 58	40·3	1013·7	1014·1	- 1·8	292·1	298·0	30th	282·3	276·9	4th	287·2	287·0	- 1·3	77	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 38	5·0	1008·3	1013·1	- 2·1	291·3	297·1	29th	282·4	277·3	2nd	286·9	*286·6*	- 1·9	65	..
340	Potsdam	52 23	13 4	84·9	1009·5	1010·1	- 4·1	289·0	293·2	30th	281·8	276·6	5th	285·4	*285·7*	- 1·2	99	..
340a	Uppsala	59 51	17 38	24	1003·8	1014·0	- 1·0	292·8	301·3	30th	282·1	274·9	2nd	287·5	287·2	- 1·7	59	..
341	Warsaw	52 13	21 3	89·9	1002·0	1004·9	- 7·9	288·5	294·9	28th	278·4	271·2	2nd	283·5	283·7	- 3·4	47	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1002·6	1013·3	+ 0·6	292·4	303·6	10th	282·4	274·7	2nd	287·4	*287·6*	..	29	..
343	Leningrad	59 56	30 16	8·6	995·5	1005·2	- 7·5	288·2	293·2	26th	280·7	275·0	1st	284·5	284·3	- 3·7	93	..
344	Kiiv	50 27	30 30	183	1003·6	1004·6	- 7·9	288·1	294·4	27th	281·4	275·5	1st	284·8	*284·5*	- 3·2	75	..
344a	Moscow	55 50	37 33	167	..	..	..	..	..	..	..	..	..	..	..	..	..	..
345	Saratov	51 32	46 2	127	988·2	1008·1	- 4·1	290·2	300·0	12th	281·0	274·1	8th	285·6	*285·3*	- 3·3	111	..
346	Kazan	55 47	49 8	79·9	996·8	1011·8	+ 1·5	295·4	303·5	19th	284·6	277·4	9th	290·0	*289·5*	- 1·4	47	..
347	Orenburg	51 45	55 6	109	998·7	1008·2	- 3·0	293·6	299·2	13th	284·2	276·9	9th	288·9	*288·3*	- 2·1	80	..
348	Perm	58 1	56 16	163	998·7	1011·5	- 0·3	295·8	304·4	23rd	284·2	273·4	10th	290·0	*290·0*	- 2·6	43	..
349	Sverdlovsk	56 50	60 38	281	986·6	1005·9	- 4·9	..	..	..	..	..	..	..	*286·6*	- 1·9	35	..
350	Tobolsk	58 12	68 14	108	973·1	1006·1	- 3·6	..	..	..	..	..	..	..	..	- 0·4	65	..
351	Akmolinsk	51 12	71 23	347	993·5	1006·3	- 4·8	..	..	..	..	..	..	..	*287·7*	- 1·0	48	..
352	∮Omsk	55 1	73 19	108	969·5	1009·5	- 1·6	..	..	..	..	..	..	..	*290·5*	- 0·3	54	..
353	Barnaoul	53 20	83 48	162	995·4	1008·1	- 2·1	..	..	..	..	..	..	..	*289·7*	- 0·1	14	..
354	Tomsk	56 30	84 58	123	990·6	1009·5	- 0·2	..	..	..	..	..	..	..	*290·8*	+ 0·7	103	..
355	Minousinsk	53 43	91 41	249	993·2	1007·7	- 1·4	..	..	..	..	..	..	..	*288·4*	+ 0·4	..	..
356	Eniseisk	58 27	92 10	81·2	980·6	1009·4	+ 0·2	..	..	..	..	..	..	..	..	..	56	..
357	Irkutsk	52 16	104 19	467	997·5	1007·1	- 0·7	..	..	..	..	..	..	..	*291·5*	+ 1·2	65	..
358	Kirensk	57 47	108 7	278	954·2	1008·0	- 0·8	..	..	..	..	..	..	..	*288·5*	+ 0·4	76	..
359	Tchita	52 2	113 30	685	974·4	1006·8	- 0·3	..	..	..	..	..	..	..	*288·8*	+ 1·3	94	..
360	Nertchinskii Zavod	51 19	119 37	621	925·4	1002·5	- 2·1	..	..	..	..	..	..	..	*288·9*	+ 0·8	46	..
361	Tygan Ourkan	54 5	124 46	379	935·2	1005·5	+ 0·8	..	..	..	..	..	..	..	*289·6*	+ 0·9	39	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	*289·4*	+ 1·0	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	989·0	1005·5	+ 0·7	..	..	..	..	..	..	..	..	..	76	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	..	..	..	..	..	..	..	..	..	..	*290·8*	+ 0·4	..	..
366	Okhotsk	59 21	143 17	6·0	1002·4	1007·5	- 0·8	..	..	..	..	..	..	..	..	..	22	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1007·9	1008·6	- 2·7	..	..	..	..	..	..	..	*285·7*	+ 1·3	45	..
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	*279·0*	+ 0·7	..	..
370	Nikolskoe	55 12	165 59	6·8	999·4	1010·0	- 0·4	..	..	..	..	..	..	..	*280·3*	+ 0·5	6	..
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

JUNE – ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm
411	Victoria, B.C.	48 24	123 19	70·1	1006·4	1014·8	- 1·7	290·2	297·9	20th	283·2	281·9	6,7,23	286·7	*286·3*	- 0·2	13	- 8
412	Portland, Oregon	45 32	122 41	46·6	1010·8	1016·2	- 1·1	294·0	303·0	23rd	285·6	281·9	8th	289·8	*289·6*	+ 0·5	11	-30
413	Macleod	49 44	113 24	953	..	..	..	292·6	300·8	28th	280·2	273·0	1st	286·4	*286·6*	- 1·4	165	+100
414	Helena	46 34	112 4	1253	870·8	1011·2	- 2·0	292·1	299·7	28th	281·0	276·9	1st	286·6	*286·2*	- 2·0	76	+17
414a	Salt Lake City	40 46	111 54	1329	862·9	1008·1	- 2·6	297·8	307·4	25th	285·4	277·4	18th	291·6	*291·9*	- 1·7	10	-11
415	Cheyenne	41 8	104 48	1856	810·4	1009·5	- 3·2	291·2	299·1	30th	279·7	276·3	13th	285·4	*285·0*	- 3·9	72	+34
415a	North Platte	41 8	100 45	860	912·6	1010·1	- 2·9	295·3	302·4	30th	284·3	279·7	13th	289·8	*289·6*	- 3·6	118	+38
417	Bismarck	46 47	100 38	510	950·2	1009·8	- 2·8	294·2	301·9	30th	282·2	276·3	9th	288·2	*288·1*	- 2·8	122	+37
418	Winnipeg	49 53	97 7	232	982·6	1009·9	- 1·9	293·9	301·9	29th	282·6	274·1	2nd,3rd	288·3	*288·3*	- 1·5	91	+12
419	Duluth	46 47	92 6	345	989·4	1010·5	- 2·7	291·3	301·9	29th	280·4	274·7	3rd	285·9	*285·6*	- 1·4	145	+39
420	Fort Arthur	48 27	89 12	196	987·1	1010·4	- 3·7	289·7	300·2	30th	281·3	274·7	3rd	285·5	*285·3*	- 1·2	125	+55
421	Chicago	41 47	87 35	205	985·8	1010·1	- 4·4	294·7	303·0	12th	285·8	280·8	10th	290·2	*289·9*	- 2·9	177	+93
422	Toronto	43 40	79 24	116	997·1	1010·8	- 4·1	294·9	300·4	13th	284·2	276·7	3rd	289·6	*289·3*	- 1·1	101	+33
423	New York (Central Park)	40 47	73 58	47·4	1008·9	1012·5	- 3·3	296·8	303·0	25th	288·6	285·2	11th	292·7	292·3	- 1·8	179	+91
424	St. John, N.B.	45 17	66 4	36·3	1008·4	1012·7	- 0·9	290·8	297·0	13th	282·4	279·8	1st	286·6	*286·5*	0·0	122	+39
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1009·5	1010·6	- 0·9	284·7	290·8	29th	279·7	275·8	6th	282·2	*282·4*	- 0·3	64	- 9
425	Sable Island (Main Station)	43 57	60 6	7·6	1013·3	1014·2	- 1·1	285·8	288·6	25,27,30	281·3	278·0	10th	283·6	*283·4*	+ 0·2	54	-37
426	Fort aux Basques	47 35	59 10	9·1	1010·7	1011·8	- 1·8	286·8	291·9	29th	279·5	275·8	10th	283·1	*282·9*	+ 1·2	122	+16
426a	St. John's, Newfoundland	47 34	52 42	74·1	1001·7	1010·7	- 2·1	..	..	..	..	..	..	283·2	..	- 0·4	27	-63
435	Madrid	40 24	3 41	667	939·9	1015·0	- 0·5	300·0	305·5	22nd	287·7	282·2	11th	293·9	*293·3*	+ 1·3	12	-24
436	Nantes	47 15	W. 1 34	36·5	1011·5	1015·9	- 1·5	294·3	301·2	13th	283·9	279·0	12th	289·1	289·2	- 0·2	40	-17
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·3	1016·3	- 1·0	294·9	301·0	25th	283·9	279·3	18th	289·4	289·4	- 0·1	79	+23
438	Marseille	43 18	5 23	75	..	1016·1	+ 1·3	299·9	304·4	25th	287·4	284·0	17th,18th	293·7	*292·9*	+ 0·2	0	-28
438a	Zürich	47 23	8 33	493	960·1	1017·1	+ 0·5	296·3	304·0	25th	284·1	279·0	3rd,18th	290·2	289·4	+ 0·2	81	-52
439	Rome	41 54	12 27	45·5	1011·7	1016·9	+ 1·7	302·8	307·4	10th	289·4	284·5	2nd	296·1	*295·4*	+ 1·8	3	-27
440	Budapest	48 15	16 22	203	992·1	1016·0	+ 1·2	294·0	302·0	23rd	285·0	276·9	3rd	289·5	289·5	- 1·8	62	- 8
441	Sofia	47 31	19 1	130	1000·4	1015·7	+ 1·7	298·3	307·0	28th	285·9	276·0	3rd	292·1	291·8	- 0·8	58	-13
442	Bucharest	42 42	23 20	550	952·9	1015·5	+ 1·4	298·6	306·4	8th	285·7	278·5	4th,19th	292·1	*292·6*	+ 1·3	54	-27
443	Odessa (Observatory)	44 25	26 6	82	1005·7	1015·3	+ 2·5	299·0	305·2	27th	286·9	280·0	19th	292·9	292·8	- 0·9	140	+52
444	Kharkiv (University)	46 26	30 46	42·8	1009·9	1015·0	+ 2·0	294·3	300·3	25th	286·0	279·0	4th	290·1	*290·1*	- 2·7	68	+12
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Melitopol	44 44	37 49	37·1	1010·3	1014·7	+ 2·1	297·0	306·4	28th	288·2	281·5	4th	292·6	*292·4*	- 0·7	28	-30
446	Astrakhan	46 21	48 2	-13·8	1015·4	1013·7	+ 1·9	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 7	-23·0	1015·4	1012·7	+ 1·8	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	-4·6	1010·8	1010·3	+ 0·2	..	..	..	..	..	..	..	*294·4*	- 1·1	7	-11
449	Kazalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*294·9*	- 1·0	25	+13
450	Tashkent	41 20	69 18	478	952·4	1005·4	- 1·7	306·3	312·1	28th	291·2	283·5	14th	298·7	*297·9*	- 0·3	0	- 9
451	Marynskoe	41 26	76 13	2015	..	..	..	295·3	302·9	28th	281·5	274·3	16th	288·4	*287·9*	+ 0·3	35	- 7
452	Alma Ata	43 16	76 53	841	915·4	1008·1	- 0·5	300·6	308·4	28th	288·7	283·8	14th	294·7	*294·0*	..	65	+ 5
453	Moukden	41 48	123 23	43·8	1000·0	1005·1	+ 0·7	300·8	306·0	9th	288·3	282·5	5th	294·5	294·3	- 0·4	172	+84
454	Joshin	40 40	129 11	31·9	1004·3	1008·1	+ 1·0	292·4	297·7	8th	286·1	281·6	3rd	289·3	288·6	+ 0·1	39	-19
454a	Yuki	42 20	130 24	63·8	1000·0	1007·6	+ 0·4	290·7	297·6	25th	284·5	277·4	5th	287·6	287·3	- 0·3	94	+10
455	Vladivostok	43 7	131 54	128	992·8	1008·1	- 0·2	..	..	..	..	..	..	..	*286·0*	- 0·9	38	-32
455a	Ochiai	47 20	142 47	27·4	1006·8	1010·1	+ 1·4	290·3	301·9	28th	278·6	272·3	4th	284·5	284·3	+ 0·5	42	-40
456	Nemuro	43 20	145 35	26·7	1007·3	1010·6	+ 0·5	285·9	295·1	29th	279·3	276·9	5th	282·6	282·3	- 0·6	129	+36
456a	Syana	45 14	147 53	39·3	1006·0	1010·8	+ 0·5	285·4	294·0	8th	278·4	272·1	6th	281·9	281·8	- 0·4	68	+ 9
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

JUNE – ZONE 5 (AMERICA).

451	San Francisco	N. 37 48	W. 122 26	47·2	1006·7	1012·5	- 2·2	293·1	302·4	6th	284·6	283·0	16th	288·9	*288·1*	+ 1·9	0	- 4
452	Sacramento	38 35	121 30	21·0	1007·4	1009·8	- 2·0	303·3	312·4	5th	286·8	283·0	11th	295·1	*295·0*	+ 1·3	1	- 2
453	San Diego	32 43	117 10	26·5	1008·3	1011·5	- 1·5	293·1	296·3	16th	288·4	286·3	12th	290·8	*290·5*	+ 0·3	2	0
454	Modena	37 46	113 54	1666	829·6	1006·4	- 2·9	299·9	306·9	24th	280·9	274·7	19th	290·4	*290·5*	+ 0·1	7	- 2
454a	Santa Fé	35 41	105 57	2136	785·4	1004·4	- 3·1	299·0	304·1	27th	283·2	276·9	13th	291·1	*292·2*	- 0·6	3	-27
455	Denver	39 45	105 0	1613	834·4	1009·1	- 2·7	295·3	304·7	27th	282·9	276·6	3rd	289·1	*289·0*	- 3·5	61	+27
456	Abilene	32 23	99 40	530	947·6	1006·8	- 4·7	306·7	313·6	28th	294·1	283·6	5th	300·4	*299·9*	+ 1·3	64	- 5
457	Saint Louis	38 38	90 12	173	990·3	1010·5	- 3·9	297·8	304·1	19th	288·8	283·6	6th	293·3	*293·5*	- 3·6	184	+66
458	Mobile	30 41	88 2	17·4	1012·5	1014·5	- 0·9	302·4	306·3	22nd	295·4	290·8	7th	298·9	*298·7*	- 0·3	181	+45
459	Nashville	36 10	86 47	166	993·4	1012·8	- 2·8	299·3	305·2	19th	290·8	285·2	7th	295·1	*295·2*	- 2·3	296	+189
459a	Charleston	32 47	79 56	14·6	1013·7	1015·6	- 0·9	303·3	310·8	20th	295·6	290·2	8th	299·4	*299·2*	+ 0·8	70	-52
460	Washington	38 54	77 3	34·1	1008·2	1012·2	- 3·3	299·3	305·8	14th	289·9	283·0	1st	294·6	*294·2*	- 0·8	68	-37
460a	Bermuda	32 17	64 46	46·0	1014·3	1019·6	+ 0·6	301·1	304·3	28th	293·4	291·3	2nd	297·3	*297·4*	+ 0·1	51	-60
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	∮Santa Cruz (Flores)	39 27	31 9	40	1011·7	1016·4	- 8·2	293·6	296·5	18th,20th	288·3	281·7	8th	290·9	290·9	- 1·5	146	+76
531	Horta	38 32	28 38	65	1009·7	1017·5	- 6·5	293·2	295·8	20th	288·8	286·3	7th	291·0	290·7	- 1·4	105	+46
532	Ponta Delgada	37 44	25 40	22	1015·4	1018·0	- 5·4	293·3	296·4	22nd	289·3	286·9	13th	291·3	291·2	- 0·5	35	--
532a	Faja de Cima	37 46	25 40	175	--	--	--	--	--	--	--	--	--	--	--	--	35	+28
533	Madeira (Funchal)	32 38	16 55	25	1015·4	1018·3	- 2·5	296·5	304·5	28th	291·5	289·0	14th	294·0	*293·9*	+ 1·4	48	+30
535	Lisbon	38 43	9 9	95	1004·4	1015·5	- 1·8	297·3	305·9	21st	288·6	285·8	11th	292·9	292·5	+ 0·2	4	-11
535a	Melilla	35 17	2 59	40	1011·5	1016·2	--	296·8	300·8	26th	291·9	290·1	4 days	294·3	*294·3*	- 1·6	3	-11
536	Gibraltar	36 6	5 21	16·2	--	1016·2	- 1·3	297·7	302·4	20th	290·9	288·6	3rd,19th	294·3	*293·8*	- 0·1	0	--
536a	Colomb-Béchar	31 36	W. 2 4	789	926·8	1008·6	--	310·2	313·0	22nd	293·8	288·0	3rd	302·0	*302·7*	+ 1·0		
537	Palma	39 34	E. 2 39	23	1013·8	1016·5	- 0·9	301·3	307·4	24th	288·5	283·8	14th	294·9	*295·2*	- 0·1	0	-38
538	Algiers (Bouzaréah)	36 48	3 2	342	976·0	1015·8	+ 0·2	298·1	308·2	26th	290·5	288·5	1st	294·3	293·8	+ 0·9	0	--
538a	Gadames	30 9	9 30	361	--	--	--	314·9	319·5	11th	293·5	289·5	25th	304·2	--	- 0·9	0	-11
539	Tunis	36 48	10 10	75	1008·8	1017·5	--	302·9	310·8	26th	290·3	286·4	18th	296·6	*296·3*	+ 0·9	0	--
539a	Malta	35 54	14 31	71·2	--	1016·5	+ 1·8	298·9	304·1	27th	292·4	289·7	1st,5th	295·7	*294·8*	+ 0·1	0	--
540	Riposto	37 41	15 14	14·2	--	1018·0	+ 1·3	299·7	304·0	28th	290·3	286·6	5th	295·0	*294·7*	0·0	0	--
541	Athens	37 58	23 43	107	1001·4	1013·7	+ 1·0	303·5	310·8	10th	293·9	288·5	1st	298·7	298·3	+ 1·4	0	0
542	Alexandria	31 12	29 53	32·0	1007·2	1011·0	- 1·7	300·7	308·2	4th	294·1	290·7	3rd	297·4	*297·1*	+ 0·3		
543	Ankara (Angora)	39 58	32 48	861	915·7	1011·1	- 0·5	299·7	307·1	18th	283·7	278·4	1st	291·7	*292·9*	--	4	--
543a	Nicosia (P.W.D.)	35 9	33 22	159	989·6	1007·4	- 1·4	307·7	313·0	28th	291·9	285·9	1st	299·8	--	+ 1·5	0	- 4
544	Beirut	33 54	35 28	33·7	--	1008·8	- 2·1	302·0	304·6	16th	293·9	291·3	2,3,4	298·0	*298·0*	+ 0·7	0	0
545	Hinaidi	33 17	44 29	32·3	998·0	1001·6	- 2·1	315·3	320·2	24th,25th	295·8	290·2	7th	305·5	*306·1*	+ 0·2	--	--
546	Lenkoran	38 46	48 51	-20·0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
547	Tehran	35 41	51 25	1220	--	--	--	307·6	311·3	30th	293·6	289·7	17th	300·6	*300·2*	+ 0·8	1	--
548	Meshed	36 17	59 38	946	872·3	--	--	306·1	309·2	2,3,27	288·6	289·7	16th,17th	297·3	--	+ 1·1	0	--
549	Seistan	31 0	61 30	610	--	--	--	310·6	315·1	1st,2nd	297·9	294·6	17th	304·3	--	+ 0·5	0	0
550	Quetta	30 12	67 0	1673	827·4	--	- 0·5	307·3	310·7	21st	287·1	282·7	15th	297·2	*296·8*	+ 0·4	1	- 4
551	Peshawar	34 2	71 37	339	960·8	997·5	- 0·9	315·6	319·7	6th	298·5	295·2	17th	307·1	*306·9*	+ 1·0	28	-35
551a	Lahore	31 34	74 20	214	973·4	996·7	- 1·3	314·4	317·9	3rd	301·5	296·9	12th	307·9	*307·7*	+ 0·8	77	+24
552	Simla	31 7	77 8	2202	777·3	--	- 0·8	296·5	299·7	30th	288·6	284·4	26th	292·6	*292·2*	- 0·3	0	- 5
552a	Leh	34 10	77 42	3503	664·7	--	- 0·8	294·9	301·7	30th	280·9	277·4	17th	287·9	*287·3*	+ 0·4		
559	Hankow	30 35	114 17	37·0	1001·3	1005·5	+ 0·1	304·9	309·1	21st	295·5	290·8	2nd	300·2	*299·5*	+ 0·8	249	+11
560	Tientsin	39 9	117 9	6·4	1003·7	1004·4	- 0·2	304·2	311·5	20th	291·8	287·2	1st,5th	298·0	*297·5*	+ 0·2	62	+ 2
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1005·1	1005·9	- 0·4	301·3	306·0	17th	291·9	286·9	15th	296·6	295·7	- 0·3	215	+67
562	Jinsen (Chemulpho)	37 29	126 37	67·6	999·5	1007·3	+ 0·4	298·4	303·1	11th	289·2	285·8	5th	293·8	293·2	+ 0·9	107	+ 1
562a	Nagasaki	32 44	129 52	133	992·5	1007·8	- 0·6	298·1	301·6	11th	291·4	287·7	4th	294·7	294·1	- 0·4	939	+586
563	Kyoto	35 1	135 44	42·9	1003·5	1008·5	- 0·1	299·3	304·9	10th	289·3	283·2	5th	294·3	293·9	- 0·2	406	+258
564	Tokyo	35 41	139 46	5·8	1008·4	1009·1	- 0·1	298·5	302·0	25th	290·0	286·6	4th	294·3	293·3	- 0·2	321	+161
565	Hukusima	37 45	140 28	68·5	1001·5	1009·5	+ 0·7	297·0	304·2	8th	287·2	282·1	11th	292·1	291·8	- 0·3	137	-48
566	Miyako	39 38	141 59	30·4	1005·5	1009·1	- 0·2	293·1	301·0	1st	284·7	281·3	7th,11th	288·9	288·3	- 0·7	77	
		N.	E.															

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1016·2	1016·9	- 1·0	299·8	303·0	28th	291·6	289·1	2nd	295·7	*295·2*	- 1·2	61	-37
605	Honolulu	21 19	157 52	11·6	1015·0	1016·2	- 0·9	300·2	301·9	2nd	295·2	293·0	1st	297·7	*297·6*	- 0·1	7	-38
613	Guaymas	27 55	110 53	8·3	1007·2	1008·1	--	306·3	310·5	28th	297·8	294·0	13th	302·1	*300·6*	- 1·1	2	-36
615	Leon	21 7	101 41	1809	819·2	1004·2	- 1·8	303·8	306·5	22nd	288·2	285·4	22nd	296·0	*295·8*	+ 0·4	80	-26
616	Monterry	25 40	100 18	528	948·4	1006·1	- 3·5	307·2	310·3	27th	295·2	291·3	13th	301·2	*301·2*	+ 1·3	48	-28
617	Tulancingo	20 5	98 22	2181	788·1	--	- 1·6	299·3	303·2	12th	283·6	278·4	24th	291·5	*290·3*	+ 0·3	28	--
618	Galveston	29 18	94 50	16·5	1010·5	1012·5	- 2·0	301·9	304·1	25th	297·8	291·9	26th	299·8	*299·6*	- 0·3	107	+100
618a	New Orleans	29 57	90 4	16·2	1012·2	1013·9	- 1·4	303·9	306·9	30th	295·8	292·4	5th	299·8	*299·5*	- 0·1	322	+208
619	Mérida, Yuc.	20 58	89 38	22	1009·1	1011·6	- 1·6	307·0	312·2	10th	297·9	296·0	sev.dates	302·5	*301·5*	+ 1·7	52	-58
620	Havana	23 7	82 25	77·0	1005·4	1014·2	- 1·2	304·5	307·8	5th	295·5	292·0	11th	300·0	299·5	--	176	--
620a	Key West	24 33	81 48	32·3	1014·7	1015·2	- 0·1	304·0	305·2	15th	298·2	294·1	28th	301·1	*300·8*	+ 0·4	86	--
621	Nassau, Bahamas	25 5	77 20	9·6	--	1016·4	- 0·4	303·3	306·9	20th	296·7	294·1	8th,16th	300·0	*300·0*	- 0·3	122	--
622	Watling Island	24 6	74 26	33·5	1014·1	1017·9	+ 0·9	--	302·4	3,23,30	--	297·4	1,10,30	--	*300·2*	- 0·7	--	--
633	Port Etienne	20 56	17 3	4	--	--	--	299·9	307·0	6th	293·6	292·0	1st	297·3	*295·2*	--	0	--
634m	Izaña	28 19	16 30	2367	770·3	--	- 0·3	291·3	297·8	25th	282·2	276·6	1st	286·7	*286·3*	+ 0·9	7	--
634	La Laguna	28 28	16 20	547	953·6	1016·1	- 1·9	296·6	307·3	29th	287·4	282·8	5th	292·0	*291·4*	+ 0·9	0	--
636	Adrar	27 38	W. 0 4	285	978·8	1010·1	--	316·3	320·4	14th	297·3	291·5	4th	306·8	*309·8*	--	--	--
638	Laperrine	22 36	E. 5 26	1350	865·0	--	--	--	--	--	--	--	--	--	--	--	0	--
641	Giarabub	29 45	24 31	49	--	--	--	--	--	--	--	--	--	--	--	--	0	--
642	Siwa	29 12	25 29	-23	1014·6	1011·9	+ 0·3	310·4	318·1	4th	294·0	291·7	28th	--	--	--	0	--
643	Cairo (Helwan)	29 52	31 20	116	996·0	1009·2	- 1·6	307·7	311·9	4th	291·6	285·6	7th	301·0	--	--	0	--
643a	Aswan	24 2	32 53	100	995·2	1006·0	- 1·4	315·1	318·2	6th	292·4	289·2	3rd	300·0	*300·1*	- 0·1	--	--
644	Tor	28 14	33 37	1·9	1005·5	1005·8	- 1·3	305·5	314·6	5th	297·6	293·0	1st	301·6	*300·0*	+ 0·6	0	--
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		297·8	291·0	18th	300·6	*300·0*	+ 0·1		
											°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108, 109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	997·9	998·5	..	306·4	310·5	28th	300·8	296·5	11th	303·6	*302·9*	+ 0·5	0	0
648	Jask	25 45	57 45	4·0	996·6	997·0	..	308·7	311·9	24th	301·4	298·9	21st	305·1	*304·4*	0·0	0	- 2
649	Karachi	24 53	66 57	4·0	999·4	999·9	- 0·5	304·4	305·4	12th	300·1	298·3	20th,21st	302·3	*301·6*	- 1·0	0	-22
650	Jacobabad	28 17	68 29	56·7	989·8	996·0	- 1·3	318·0	321·1	14th	302·4	298·8	16th	310·2	*309·7*	- 0·1	0	- 5
651	Jaipur	26 56	75 52	436	951·9	998·7	- 0·8	313·7	316·3	4th	301·2	298·7	8th	307·5	*306·8*	+ 1·2	16	-42
652	Nagpur	21 8	79 5	310	966·2	1000·1	- 1·3	310·6	316·7	4th	299·3	294·1	22nd,30th	304·9	*303·9*	+ 0·2	147	-81
652a	Allahabad	25 25	81 51	94·2	987·4	997·8	- 1·4	312·2	317·3	2nd,3rd	301·1	297·2	22nd	306·7	*306·0*	0·0	18	-108
654	Darjeeling	27 3	88 15	2265	771·4	..	- 1·3	292·2	295·1	2nd	287·4	285·1	5th	289·8	*289·4*	+ 0·7	721	+105
	Calcutta	22 32	88 20	6·4	997·8	998·6	- 2·1	305·0	311·5	2nd	298·9	297·2	21st	301·9	*301·8*	- 0·4	457	+155
655	Gauhati	26 8	91 41	59·7	994·9	1001·6	- 1·3	305·0	308·2	1st	298·0	296·2	9th	301·5	*300·8*	+ 0·2	183	-168
655a	Cherrapunji	25 15	91 42	1313	862·1	..	- 1·4	295·1	298·3	1st	291·3	290·2	17th,18th	293·2	*292·6*	+ 0·1	2124	-312
656	Ayab	20 11	92 56	6·1	1001·4	1002·2	- 2·0	301·5	304·0	3rd	297·6	296·6	17th	299·5	*299·6*	- 1·2	1897	+705
656a	Mandalay	21 59	96 0	76·2	995·0	1003·5	- 1·2	307·9	310·7	28th	298·8	296·8	5th	303·4	*302·6*	0·0	49	-91
657	Kengtyueh	25 2	98 33	1626	832·0	1002·4	..	295·2	299·1	2nd	289·3	285·2	6th	292·2	*291·6*	- 0·7	227	-16
658	Pin Lien	20 48	106 38	116	..	1003·1	- 0·2	303·5	306·8	12th	297·5	294·9	3rd	300·5	300·2	- 0·7	393	+147
659	Moncay	21 31	107 51	9·0	..	1003·2	- 0·7	304·8	308·6	13th	297·5	294·7	6th	301·2	*300·5*	+ 0·1	764	+263
660	Hongkong	22 18	114 10	33·2	..	1004·4	- 1·4	302·1	304·8	27th	297·7	295·0	6th	299·9	299·6	- 0·6	384	-15
661	Amoy	24 26	118 4	4·9	..	..	..	301·4	305·2	27th	297·2	292·4	6th	299·3	299·1	- 0·9	171	- 6
661a	Taihoku, Formosa	25 2	121 31	9·3	1005·3	1006·3	- 0·5	302·9	306·7	21st	295·1	291·4	5th	299·0	298·3	- 1·3	447	+158
662	Basco	20 28	121 59	18·7	..	1005·2	- 1·6	303·6	305·0	1st	298·1	296·2	15th	300·9	300·6	- 0·7	395	+206
662a	Naha	26 12	127 39	29·5	1004·2	1007·6	- 1·0	300·0	303·1	27th	295·9	291·8	5th	297·9	297·6	- 1·5	281	+18
663	Titlima (Bonin Islands)	27 5	142 11	4·1	1012·0	1012·5	+ 0·3	301·6	304·5	26th	296·1	293·2	4th	298·9	298·6	+ 0·2	51	-84
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N.	W.															
718	Colima	19 12	103 45	498	954·8	1010·0	- 0·1	305·1	308·2	5th	293·7	290·8	sev.dates	299·4	*299·0*	- 0·4	191	+39
719	Morelia	19 42	101 7	1923	807·9	1005·0	- 2·0	298·6	301·6	5th	288·1	285·9	4th	293·3	*293·2*	+ 0·7	86	-57
720	Mexico, Tacubaya	19 24	99 12	2309	773·1	..	- 1·3	299·4	302·4	12th	283·6	280·2	25th	291·5	290·6	+ 1·0	62	-45
721	Salina Cruz	16 12	95 12	56	1003·0	1009·4	- 1·9	301·8	304·0	sev.dates	296·1	293·8	sev.dates	298·9	*299·8*	- 0·7	469	+163
722	San Salvador	13 42	89 13	682	936·0	1011·4	- 0·5	303·5	307·0	8th	292·3	291·0	5,26,30	297·9	*295·7*	- 0·7	309	-21
723	Belize	17 31	88 11	5·2	1009·6	1010·1	- 1·5	..	..	..	297·7	293·3	29th	..	‡*299·6*	+ 0·3	166	-44
724	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·5	0·0	304·6	306·9	21st	295·5	294·1	1st	300·1	*300·2*	+ 0·4	107	-33
725	Port au Prince	18 33	72 20	37·4	1010·1	1014·3	- 0·6	307·6	310·3	14th	296·6	295·0	21st	302·1	*301·4*	+ 1·0	18	-86
726	Caracas	10 30	66 56	1042	898·2	1011·9	- 1·4	299·1	301·6	1st	289·5	287·7	27th	294·3	*293·6*	+ 0·2	133	+30
726a	San Juan, Porto Rico	18 29	66 7	25·0	1012·8	1015·6	- 0·7	302·3	305·8	9th	296·8	295·2	28th	299·6	*299·3*	+ 0·2	66	-83
727	Grenada (Richmond Hill)	12 5	61 46	188	991·2	1012·7	- 0·8	303·6	305·2	12th	296·2	294·7	25,26,28	299·9	*299·4*	+ 0·8	192	-18
728	Barbados	13 8	59 36	55·2	..	1013·9	- 0·5	303·7	304·7	24th	298·1	295·1	30th	300·9	*300·7*	+ 1·0	81	-28
729	∮Sto. Vicente, C. Verde Is.	16 54	25 4	11	1013·0	1014·2	- 1·0	298·5	300·0	7th,8th	295·0	293·5	1st,4th	296·7	*297·1*	+ 0·6	0	0
730	∮San Tiago, C. Verde Is.	14 54	23 31	34	1008·5	1012·4	- 3·0	301·7	305·0	10th	295·1	293·6	1st	298·4	*298·7*	+ 0·4	0	0
731	Dakar	14 40	17 26	32	1006·8	1010·5	..	305·3	307·6	17th	296·6	295·1	22nd	300·9	*299·8*	+ 1·2	17	+ 6
732	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·7	306·9	7th	297·7	293·6	1st	300·2	*300·1*	+ 0·6	45	..
733	Niémébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
734	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
735	Sokoto	13 2	E. 5 14	353	..	..	..	308·9	313·0	8th	297·1	292·4	12th	303·0	*302·5*	+ 0·2	129	+26
736	Kaduna Capital	10 32	7 25	?637	..	..	..	303·1	305·8	5th	..	..	..	..	‡*297·4*	+ 0·2	137	-43
737	Badeija	12 40	10 5	?	..	..	..	311·3	315·2	5th	..	..	..	..	‡*302·0*	- 0·9	54	0
738	Maiduguri	11 47	13 11	361	..	..	..	312·6	318·6	5th	297·4	295·2	10,12,28	305·0	*304·4*	+ 1·0	33	-21
739	El Fasher	13 32	25 18	730	925·9	1004·8	..	311·7	314·5	5th,6th	294·8	291·5	24th	303·2	*302·1*	- 0·3	3	-13
740	El Obeid	13 11	30 14	563	945·4	1007·0	+ 0·2	?310·0	?314·1	7th	..	..	..	..	..	..	17	-17
741	Khartoum	15 37	32 33	390	963·1	1005·0	- 0·9	314·9	317·1	6th	300·3	296·4	10th	307·6	*308·2*	+ 1·1	2	- 6
742	Fort Sudan	19 37	37 13	5·5	1003·9	1004·4	- 1·5	312·5	318·4	27th	299·1	296·5	4th	305·8	*305·4*	+ 0·8	0	0
743	Berbera, Somaliland	10 22	45 2	13·8	1001·2	1002·7	- 1·8	314·8	316·9	7th	303·7	300·8	1st,14th	309·2	*308·6*	+ 0·4	0	0
744	Aden	12 45	45 3	28·7	1001·1	1004·3	- 0·8	308·6	310·5	26th	302·6	301·1	2nd	305·6	*305·3*	+ 0·7	0	- 2
745	Bombay	18 54	72 49	11·3	1003·1	1004·4	- 0·7	304·9	307·9	8th	298·9	295·6	21st	301·9	301·7	0·0	704	+239
746	Kodaikanal	10 14	77 28	2343	768·7	..	- 0·5	291·8	296·0	1st	285·0	283·4	8th	288·4	*287·5*	+ 0·3	63	-40
747	Bangalore	12 59	77 38	921	906·3	1005·7	- 0·7	303·5	307·7	2nd	292·8	291·2	19th	298·1	*297·1*	+ 0·7	64	-10
748	Madras	13 4	80 14	6·7	1003·0	1003·8	- 1·6	311·4	314·4	1st	301·2	297·7	30th	306·3	*305·6*	+ 1·2	6	-42
749	Visagapatam	17 42	83 19	11·6	999·0	1000·3	- 1·9	306·4	312·2	17th	301·0	298·1	22nd	303·7	*303·0*	+ 0·3	21	-103
750	Fort Blair	11 40	92 40	18·0	1004·4	1006·4	- 0·9	302·7	303·9	6th,10th	298·5	296·6	6th,20th	300·6	*299·9*	- 0·1	410	-81
751	Rangoon	16 46	95 48	5·5	1004·9	1005·6	- 1·3	302·6	305·3	24th	297·2	295·9	17th,26th	299·9	*298·8*	- 0·5	712	+254
752	Cap St. Jacques	10 20	107 5	180	..	1008·3	..	302·2	304·1	30th	296·4	294·4	23rd	299·3	*298·9*	- 1·0	174	-10
753	Nhatrang	12 15	109 12	3·6	..	1004·8	..	305·4	308·8	22nd	297·4	295·4	25th	301·4	*300·9*	- 0·3	88	+40
754	Bolinao	16 23	119 53	2	..	1005·7	- 0·8	303·6	307·5	8th	296·8	295·0	16th	300·2	*299·7*	- 1·1	472	+54
755	Vigan	17 34	120 23	12·2	..	1005·4	- 1·6	304·5	306·5	1st	297·9	296·2	15th,26th	301·2	300·6	- 0·4	489	+145
756	Manila	14 35	120 59	14·2	..	1006·9	- 0·9	304·5	308·1	7th	297·1	295·9	24th	300·8	300·2	- 0·5	335	+79
757	Ormoc	11 0	124 36	5·6	..	1007·3	- 0·5	305·7	307·4	6th	296·3	294·9	30th	301·0	*300·7*	+ 0·8	152	-57
758	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·0	0·0	304·4	306·2	14th	298·0	296·7	17th	301·2	*301·8*	+ 0·6	187	+55
759	Saipan	15 14	145 46	207	987·3	1007·4	..	302·5	303·3	19th,22nd	297·2	296·2	15th	299·9	299·6	..	104	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See 'Remarks' page 110.
∮Change of normals, see page 111.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·1	1010·8	0·0	304·8	306·9	23rd,24th	..	..	..	..	‡302·4	+ 1·0	184	-72
821	Cristobal	9 23	79 23	11·0	..	1009·6	- 0·9	303·2	305·2	20th	296·9	295·8	16th	300·1	299·4	+ 0·4	412	+26
822	Bogota	4 36	74 5	2645	746·3	..	..	291·4	293·5	24th	283·1	280·4	29th	287·3	286·8	..	38	-25
822a	¢Merida, Venez.	8 36	71 9	1641	‡ 841·1	..	- 0·6	297·0	299·7	10th	288·5	286·5	22nd	292·7	*291·6*	- 0·1	163	+23
823	Ciudad Bolivar	8 9	63 33	38	1007·0	1011·3	..	304·4	306·1	10th,11th	296·6	294·8	30th	300·5	*300·0*	+ 0·1	88	-38
824	El Peru, Guayanavieja.	7 19	61 49	220	985·1	1010·0	- 1·2	301·8	303·7	10th	295·1	294·1	23rd	298·4	*298·0*	0·0	156	-78
825	Georgetown, Brit.Guiana	6 50	58 12	2·0	..	1012·3	- 0·9	302·2	303·3	10th	297·2	296·3	1,11,30	299·7	*299·5*	+ 0·2	367	+65
826	Paramaribo	5 49	55 9	3·7	..	1012·2	- 1·6	304·2	305·6	27th	295·9	294·7	19th	300·1	*298·8*	+ 0·1	319	+38
826a	Cayenne	4 56	52 21	6	..	..	..	301·3	304·0	30th	297·4	294·0	18th	299·3	*298·6*	- 0·2	202	-36
831	10°-5°N. 30°-25°W.	††7 5	††27 2	§(96-117)	..	1013·5	- 0·1	..	..	Sea Temp. 299·5 | 0-0	..	..	..	299·1	0·0	550	+21
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	282	-22
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·6	1012·5	+ 0·5	302·6	304·7	11th	295·7	293·6	2nd	299·1	*298·4*	- 0·7	252	+14
835	Assuantsi	5 18	1 15	101	..	..	..	301·5	304·1	5th	?294·5	?291·9	30th	298·0	..	- 0·1	46	-14
836	Accra	5 33	W. 0 12	16·0	1009·9	1011·8	- 0·6	301·9	306·6	12th	296·4	294·9	11th	299·1	*298·7*	0·0	..	..
837	Lagos	6 27	E. 3 24	3·0	1009·7	1010·0	- 2·4	301·9	303·3	6th,12th	296·6	294·1	10th	299·2	*298·6*	- 0·2	535	+96
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	302·9	304·7	..	295·2	292·4	..	299·1	*298·6*	..	239	-41
839	Yola	9 12	12 30	259	..	..	..	306·8	310·2	10th	294·3	292·4	13th	300·6	*300·0*	+ 0·2	170	-78
841	Wau	7 42	28 3	440	..	..	..	..	..	..	294·7	292·0	11th	..	*299·7*	+ 0·7	129	-78
843	¢Malakal (Kodok)	9 35	31 37	394	965·8	1009·9	- 0·4	306·0	310·3	9th	294·1	291·8	27th	300·0	*298·6*	- 0·1	115	+12
843a	¢Mongalla	5 11	31 47	448	959·6	1010·0	- 1·0	306·4	310·0	9th	295·0	292·4	16th	300·7	*298·9*	+ 0·5	239	-42
844	Entebbe	0 5	32 29	1171	884·9	1011·6	0·0	297·7	299·1	7,9,19	290·2	288·6	17th,24th	293·9	*293·4*	- 0·2	82	-78
845	Sheikh	9 55	45 15	1463	..	..	..	302·6	304·1	21st,22nd	290·5	288·6	16th	296·5	..	..	3	-78
851	Minicoy	8 17	72 49	2·1	1008·3	1008·5	- 0·9	303·9	306·2	1st	298·8	295·3	11th	301·3	*300·6*	..	207	-168
851a	Cochin	9 58	76 21	2·7	1008·2	1008·6	- 1·0	302·3	305·3	2nd	297·3	295·8	4th	299·8	*299·1*	+ 0·1	469	+65
852	¢Colombo Observatory	6 54	79 52	7·3	..	1008·1	- 0·3	302·9	304·3	29th	298·5	295·6	9th	300·7	*300·0*	+ 0·4	227	-78
853	¢Nuwara Eliya	6 58	80 46	1886	..	..	..	292·0	295·5	27th	286·4	283·1	28th	289·2	*288·5*	+ 0·2	223	-23
854	¢Trincomalee	8 35	81 15	30·2	..	1004·2	- 1·1	307·1	308·6	23rd	299·3	297·9	22nd	303·2	*302·5*	0·0	2	-78
855	Kuta Raja	5 32	95 20	7·1	..	1006·9	- 2·0	..	..	..	..	..	..	..	..	..	3	-86
856	Medan	3 35	98 41	25·0	..	1007·8	- 1·0	305·1	306·9	20th	295·5	293·6	27th	300·3	299·9	+ 0·5	46	-51
857	Penang	5 34	100 20	5·0	..	..	..	306·6	307·4	6th	295·1	294·1	11th	300·9	*300·1*	+ 0·3	93	-74
858	Singapore	1 18	103 51	10·9	1007·4	1008·6	- 0·5	304·6	305·9	12th	296·9	295·8	3rd,24th	300·7	*300·2*	+ 0·1	117	-70
859	Sandakan	5 50	118 7	31·7	..	..	..	304·2	306·3	13th	296·7	295·2	15th,16th	300·4	*300·8*	- 0·2	179	-11
860	Iwahig	9 44	118 38	14·3	..	1007·1	0·0	304·5	306·0	20th	295·8	294·9	26th	300·1	*299·3*	0·0	..	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·5	- 0·5	305·7	307·2	11th	297·5	295·9	28th	301·6	300·7	+ 0·3	154	+49
861a	Menado	1 30	124 50	8·5	..	1008·4	0·0	303·5	305·2	17th	296·1	294·5	16th	299·8	299·1	- 0·1	89	-46
862	Surigao	9 48	125 29	6·0	..	1008·2	0·0	303·9	307·0	19th	297·1	296·0	14,15,24	300·5	300·1	- 0·1	341	..
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·8	+ 1·4	303·2	305·0	14th	297·4	295·6	27th	300·3	300·1	- 0·2	396	..
864	Palau	7 20	134 29	31·8	1005·9	1009·5	..	302·8	304·6	20th	297·2	295·0	17th	300·0	299·8	..	587	..
867	Ponape	6 58 N.	158 13 E.	38·9	1004·7	1009·1	..	302·3	304·3	2nd	296·2	293·3	17th	299·3	298·8	..		

902	Atafu	8 32 S.	172 31 W.	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·3	306·6	5th	295·0	293·8	3,4,30	300·2	*300·0*	..	25	-261
926	¢Taperinha	2 30	54 20	21·5	1009·2	1011·6	- 0·8	304·3	306·2	6th	295·5	294·2	21st	299·9	*298·5*	+ 0·7	101	-57
927	Turyassu	1 43	45 26	9·1	1010·3	1011·4	- 0·9	304·9	306·8	6th,17th	294·8	291·6	10th	299·8	*299·2*	+ 0·8	97	-47
928	Barra do Corda	5 30	45 16	81·0	1000·8	1010·2	- 1·3	305·9	307·6	18th	290·9	288·9	16th,29th	298·4	*297·2*	- 0·2	13	+11
929	¢Quixeramobim	5 16	39 15	207	989·6	1013·0	- 0·7	303·3	304·4	21st	296·3	295·2	27th	299·8	*300·0*	+ 0·8	50	+18
930	Fernando Noronha	3 50	32 25	106	1001·8	1013·6	+ 0·1	299·8	300·5	23rd	297·2	295·0	15th	298·5	*298·6*	+ 0·2	23	-36
930a	5°-10°S. 35°-30°W.	††7 15	††33 5	§(33)	..	1014·3	..	..	..	Sea Temp. 299·4 | -0·2	..	..	..	..	300·4	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1013·5	1015·4	- 0·4	301·6	303·0	20th,22nd	296·2	294·7	11th	298·9	*298·0*	- 0·4	7	-78
939	Loanda	8 49	E. 13 13	51	..	1012·7	- 1·9	298·9	301·5	6th	293·9	292·7	30th	296·4	296·0	+ 1·6	0	-78
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	299·6	305·2	1st	287·8	286·3	16,18,24	293·7	..	..	53	-49
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	296·3	299·1	6th	285·2	281·9	9,11,22	290·8	..	..	50	-49
944a	Zanzibar	6 10	39 11	17·1	1014·7	1016·7	- 0·9	300·6	301·6	7th	296·5	295·1	4th	298·6	*298·1*	+ 0·1	102	-49
945	Lamu	2 16	40 50	3·0	..	..	..	300·8	301·9	3rd,8th	295·3	294·1	4,11,14	298·3	*297·9*	- 1·4	116	-49
947	Seychelles, Port Office	4 37	55 27	4·8	1010·7	1011·2	- 0·9	301·4	302·7	6th	297·4	294·7	17th	299·4	*298·8*	0·0	70	-78
957	Padang	0 56	100 22	6·7	..	1009·3	- 0·8	304·2	305·3	11th	297·0	295·3	26th	300·6	300·1	+ 0·6	53	-98
958	Batavia	6 11	106 50	8·0	1008·2	1009·1	- 0·7	303·5	305·3	4th	296·5	295·1	13th,25th	300·0	299·5	+ 0·3	159	+8
958a	Pontianak	0 1	109 20	2·6	..	1008·0	- 1·4	305·5	307·3	8th	297·3	295·4	23rd	301·4	300·6	+ 0·7	132	-29
959	Pasuruan	7 38	112 55	5·0	..	1009·8	- 0·5	304·3	305·5	3rd	295·7	292·6	2nd	300·0	299·9	+ 0·7	69	-78
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	-78
962	Amboina	3 42	128 10	4·2	..	1009·2	- 0·9	300·3	301·9	9th	297·0	295·8	7th	298·7	298·4	+ 0·3	686	+165
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	78	-78
965	Daru	9 4	143 13	7·6	..	..	..	300·5	..	..	296·3	..	..	298·4	*299·0*	- 0·5	32	-78
966	Port Moresby	9 29	147 9	38·4	..	1010·9	- 0·1	300·2	..	..	296·0	..	..	298·1	*297·7*	- 1·1	67	-78
967	Rabaul	4 9	152 12	12·5	1007·4	1008·9	- 0·2	305·7	307·0	8th	295·8	294·5	22nd	300·8	*300·2*	+ 0·5	56	-78
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·3	..	..	?297·4	..	..	?300·3	?*300·1*	0·0	28	-78
970	Ocean Island	0 52	169 35	42·6	1005·1	1010·1	- 0·2	304·7	306·3	27th	298·3	296·9	9,10,14	301·5	*300·8*	+ 0·4		
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of observations. §Number of observations. ¢Change of normals, see page 112.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·8	- 0·7	302·2	303·5	4th	295·5	292·9	7th	298·8	298·7	- 0·3	32	-104
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1014·0	- 1·4	299·9	301·3	sev.dates	291·3	288·0	6,7,14	295·6	*295·4*	- 0·7	21	-53
1041	Lima	12 5	77 3	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1042	Tacna	18 0	70 18	580	..	..	..	296·9	300·0	23rd,30th	282·5	282·0	sev.dates	289·7	*287·7*	+ 0·5	0	0
1043	Corumba	18 59	57 39	116	999·6	1013·0	- 0·7	300·0	306·7	15th	289·6	284·7	19th	294·8	*294·2*	+ 0·3	23	-15
1044	Cuyaba	15 36	56 6	165	993·4	1012·2	- 1·2	304·0	307·7	13th	291·2	288·6	18th,19th	297·6	*296·2*	+ 0·5	7	0
1045	Bello Horizonte	19 55	43 57	895	915·6	1014·8	- 2·4	299·9	302·2	29th	285·6	281·2	18th	292·8	*291·8*	+ 1·7	4	- 5
1046	Castite	14 3	42 37	897	917·2	1016·2	- 0·7	300·0	303·9	9th	287·2	283·9	25th	293·6	*293·8*	+ 0·8	0	-12
1047	Ondina (Bahia)	13 0	38 31	46·6	1009·6	1015·1	- 1·3	300·7	303·6	9th	294·8	293·0	28th	297·8	*297·4*	+ 0·5	57	-198
1048	Aracaju	10 55	37 3	6·1	1015·6	1016·4	- 0·2	300·5	302·4	9th	294·3	292·4	6th	297·4	*297·2*	..	106	..
1049a	15°-20°S. 40°-35°W.	††17 18	††38 17	§(38-41)	..	1015·6	..	..	..	Sea Temp. 298·3 | +0·4	..	..	..	..	..	..	..	..
1049b	10°-15°S. 40°-35°W.	††12 24	††36 20	§(34-36)	..	1015·4	..	..	..	299·3 | +0·6	..	..	..	..	298·7	..	..	..
1050	St. Helena	15 57	W. 5 40	579	949·1	1016·2	+ 0·7	290·8	291·9	10,17,18	286·7	284·7	25,26,27	288·7	*288·7*	- 0·1	26	..
1051	Wonsamodes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1052	Livingstone	17 51	25 51	972	910·5	1018·7	+ 2·6	300·0	303·5	25th	282·1	278·1	10th	291·1	..	..	..	..
1053	Elisabethville	11 39	27 28	1236	879·9	1015·7	..	..	..	..	..	..	..	..	..	..	0	..
1054	Gwelo	19 26	30 2	1411	..	..	..	296·5	301·3	22nd	279·7	275·2	28th	288·1	..	+ 1·6	0	0
1055	Salisbury (Dept. Agric.)	17 48	31 5	1489	856·5	1019·0	- 1·0	295·7	298·0	22nd,24th	280·8	274·7	28th	288·1	287·1	+ 1·8	0	- 1
1056	Zomba	15 23	35 18	955	911·1	1017·8	- 0·8	296·1	300·2	25th	286·1	282·4	8th,29th	291·1	*290·3*	+ 0·9	6	- 6
1057	Mossuril	14 57	40 40	15	..	1017·4	..	301·0	303·3	2nd	291·5	287·6	16th	296·3	296·0	..	83	0
1058	Antananarivo	18 55	47 33	1375	867·8	1019·1	0·0	293·8	298·5	19th	281·5	277·0	30th	287·6	287·0	0·0	4	- 3
1059	Cocos, Keeling Is.	12 5	96 53	4·6	1011·9	1012·6	- 0·8	302·1	305·4	9th	297·9	296·3	25th	300·0	*299·6*	+ 0·6	346	+109
1060	Christmas Island	10 25	105 43	5·5	1007·8	1008·3	- 0·6	303·8	305·2	5th	297·7	296·9	9,13,25	300·7	*300·1*	+ 0·8	41	-130
1061	Kupang	10 10	123 34	45·1	..	1011·5	+ 0·1	303·7	305·9	15th	294·9	293·0	29th	299·3	298·7	0·0	3	- 7
1062	Derby	17 18	123 40	16·2	1013·6	1015·4	+ 0·8	301·8	305·8	3,5,13	288·9	281·6	30th	295·4	..	..	2	-10
1063	Wyndham's Creek	18 13	127 48	373	974·4	1017·0	+ 0·9	297·8	305·3	1st	284·4	275·4	25th	291·1	*290·4*	- 0·8	13	+ 8
1064	Darwin	12 28	130 51	29·6	1009·4	1012·8	+ 0·9	302·8	306·4	9th	292·2	286·7	29th	297·4	*296·2*	- 1·5	0	- 3
1065	Daly Waters	16 16	133 23	211	990·9	1015·2	+ 0·9	300·4	305·8	9th	285·9	278·0	30th	293·1	*292·4*	- 1·2	0	- 6
1066	Powell	13 15	142 50	122	997·6	1011·8	+ 0·2	301·9	304·1	13th	288·3	281·9	29th	295·1	..	- 1·4	1	- 7
1067	Georgetown, Queensland	18 22	143 32	302	980·8	1015·6	+ 0·5	300·5	303·6	4th	280·8	274·1	28th	290·7	..	- 2·6	0	-11
1068	Willis Island	16 18	149 59	8·5	1012·2	1013·3	..	298·7	300·3	5th	294·7	290·1	28th	296·7	*296·7*	..	16	..
1069	Samarai	10 37	150 40	6·1	..	1011·9	- 0·1	301·4	..	..	296·2	..	..	298·8	*298·6*	+ 0·3	151	-124
1070	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·5	1013·1	- 0·4	299·6	303·0	10th	293·6	290·2	15th	296·6	*296·4*	- 0·1	55	-115

1101	Rarotonga (Avarua)	21 12 S.	159 47 W.	6	..	..	..	298·1	299·7	2nd,24th	289·8	285·8	28th	293·9	*293·7*	- 1·1	37	-84
1102	Punta Tortuga, Coquimbo	29 56	71 21	27	1014·3	1017·6	0·0	288·9	292·0	7th	284·1	280·8	28th	286·5	*286·3*	+ 1·2	58	+18
1103	Iquique	20 12	70 11	6	1015·4	1016·1	+ 0·1	290·8	292·3	2nd	..	..	..	..	*287·9*	- 1·4	0	0
1104	Catamarca	28 27	65 47	510	954·6	1014·6	- 1·1	290·0	297·0	21st	277·4	272·1	25th	283·7	*283·2*	- 1·2	1	- 3
1105	Salta	24 46	65 28	1182	881·3	1014·3	- 1·1	290·3	305·0	5th	276·4	268·6	25th	283·4	282·8	- 1·6	0	- 3
1106	Goya	29 9	59 15	37	1012·2	1016·7	- 0·5	291·6	301·4	13th	281·9	275·0	26th	286·7	*285·9*	- 0·8	14	-26
1107	Asuncion	25 17	57 41	93	1005·6	1016·9	+ 0·3	293·7	301·6	22nd	285·6	278·6	26th	289·6	*289·1*	- 0·7	30	-43
1108	Curityba	25 25	49 17	908	913·9	1016·7	- 2·8	291·5	298·0	7th	281·0	272·4	27th	286·2	*285·8*	+ 0·6	150	+49
1109	Rio de Janeiro	22 54	43 10	18·3	1013·6	1015·8	- 3·2	299·6	305·0	7th	292·1	289·4	12th	295·8	295·3	+ 1·8	1	-56
1110a	25°-30°S. 50°-45°W.	††27 48	††47 51 W.	§(32)	..	1017·1	..	..	..	Sea Temp. 292·5 | -0·5	..	..	..	..	291·1	..	..	..
1111	Windhoek	22 34	E. 17 6	1727	833·5	1020·5	..	292·4	296·4	10th	278·9	275·0	23rd	285·6	*285·3*	- 0·6	0	- 1
1112	O'Okiep	29 36	17 52	933	914·5	1021·8	+ 0·2	289·3	297·6	13th	279·2	274·1	25th	284·3	*283·5*	- 0·4	10	-19
1113	Kimberley	**	**	**	885·7	1021·7	- 1·9	292·5	298·0	6th	275·3	271·3	22,23,24	283·9	*283·1*	+ 0·7	0	- 5
1114	Johannesburg	26 11	28 4	1806	826·3	1022·5	- 0·6	289·1	294·1	7th	278·6	270·3	29th	283·9	*283·4*	+ 0·5	3	- 1
1115	Bulawayo	20 9	28 36	1349	871·9	1020·7	- 1·2	295·0	300·4	24th	281·2	274·7	29th	288·1	*287·4*	+ 1·0	0	- 1
1116	Durban	29 52	31 3	15·2	1018·5	1020·3	- 2·5	295·7	299·3	3rd	286·9	284·7	29th	291·3	*290·8*	+ 0·6	2	-27
1117	Lourenço Marques	25 58	32 38	59·0	..	1019·9	- 1·5	299·2	305·8	21st	287·0	283·0	28th	293·1	292·1	+ 0·8	1	-13
	Mauritius	20 6	57 33	55·2	1012·3	1018·8	- 0·2	297·1	298·4	8th	290·1	285·4	13th	293·6	293·4	- 0·2	31	-40
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ¢Change of normals, see page 113.
‡From March 26th station moved to 28° 44′ S., 24° 46′ E., 1218m. from June 26th.

JUNE – ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1014·4	1014·9	- 0·5	296·9	301·4	11th	286·0	282·1	24th	291·4	..	- 0·5	30	-26
1160	∮Cue	27 27	117 52	454	967·4	1020·3	+ 2·2	291·4	298·4	17th	280·9	277·4	24th	286·2	..	- 0·4	20	-26
1161	∮Nullagine	21 53	120 5	386	..	..	..	295·5	298·8	13th,16th	279·7	273·8	28th	287·6	..	- 1·7	3	-26
1162	∮Laverton	28 40	122 23	466	967·4	1021·8	+ 2·1	291·9	295·3	16th	279·9	274·7	2nd	285·9	*285·8*	+ 0·6	4	-26
1163	∮Alice Springs	23 38	133 37	587	951·8	1019·6	+ 0·7	291·7	302·4	1st	279·8	271·3	30th	285·8	*285·5*	+ 0·4	0	-26
1164	William Creek	28 55	136 21	76·2	..	..	..	..	.	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	999·9	1017·2	+ 0·7	293·7	303·1	1st	281·6	277·4	25th,29th	287·7	*287·4*	- 1·4	14	+12
1165	∮Thargomindah	27 58	143 43	123	1003·9	1018·6	+ 0·2	291·9	301·4	1st	279·2	272·0	23rd	285·6	*285·3*	- 0·7	2	- 1
1166	∮Mitchell	26 32	147 52	336	979·3	1018·4	- 1·0	290·6	296·4	11th	277·0	273·0	23rd	283·8	..	- 1·1	41	+26
1167	∮Rockhampton	23 24	150 30	11·3	1015·3	1016·8	- 0·9	294·7	299·7	4th	284·3	279·0	8th	289·5	..	- 1·4	32	+26
1168	∮Brisbane	27 28	153 2	41·8	1012·2	1016·9	- 1·3	292·7	296·9	4th	282·5	277·7	9th	287·6	*286·9*	- 1·1	56	+26
1170	Norfolk Island	29 4	167 59	14·9	1014·6	1016·5	- 0·7	291·3	293·0	9th,10th	..	..	..	..	..	..	185	+98
		S.	E.															

JUNE – ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	S. 33 37	W. 78 50	345	976·4	1017·6	..	286·6	293·2	1st	281·6	278·5	22nd	284·1	*283·2*	..	99	+26
1221a	Punta Tumbes	36 37	73 6	120	1001·8	1016·4	- 0·1	286·2	288·4	9th	280·8	276·8	26th	283·5	*283·3*	0·0	154	+28
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1012·7	1017·7	+ 0·2	288·0	291·4	9th	282·4	277·2	26th	285·2	*285·1*	+ 0·8	128	+28
1222a	∮Santiago	32 27	70 42	520	956·2	1018·0	- 0·3	286·6	295·5	9th	277·0	270·0	25th	281·8	*281·1*	+ 0·2	189	+28
1223	Cordoba	31 25	64 12	423	965·6	1015·9	- 1·2	289·9	300·7	21st	275·7	269·1	28th	282·8	282·1	- 0·7	8	-26
1224	Bahia Blanca	38 45	62 15	25	1012·1	1015·2	- 0·9	285·0	292·0	10th	274·8	268·1	28th	279·9	*279·9*	- 1·5	3	-26
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·3	1017·4	- 0·9	286·5	293·5	11th	277·7	271·2	27th	282·1	281·8	- 1·0	8	-26
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1016·6	+ 0·4	..	291·6	11th	..	276·5	29th	..	*283·4*	- 0·8	88	+28
1226a	Porto Alegre	30 2	51 13	23·5	1013·4	1016·2	- 3·0	290·3	299·5	12th	282·8	273·7	27th	286·5	286·4	- 0·3	200	+28
1226b	30°-35°S. 55°-50°W.	††33 5	††52 12	§(40)	..	1015·5	..	..	..	Sea Temp. 288·2|-0·2	..	..	..	287·2	..	..	..	..
1239	Cape Town	33 56	W. E. 18 29	12·2	1018·8	1020·3	+ 0·5	289·4	295·0	1st	281·7	274·2	4th	285·6	*284·4*	- 0·6	117	-26
1240	Danger Point	34 37	19 18	27·7	1016·5	1019·9	+ 2·4	288·9	295·2	2nd	282·9	278·6	5th	285·9	..	- 0·6	69	-26
1241	Riversdale	34 6	21 16	61·0	..	..	..	293·4	304·1	1st	278·7	274·4	29th	286·0	..	+ 0·3	21	-26
1242	East London	33 2	27 55	44·8	1013·7	1019·1	- 2·5	294·7	303·6	13th	283·1	278·6	23rd	288·9	..	+ 0·1	46	-26
1259	∮Perth (Observatory)	31 57	115 51	60·0	1012·4	1019·7	+ 1·8	292·1	296·9	19th	283·4	280·5	24th	287·7	*287·8*	+ 0·9	140	+26
1260	∮Katanning	33 42	117 35	310	982·4	1019·4	+ 2·5	289·2	293·1	19th	278·7	273·2	25th	283·9	..	+ 0·1	56	+26
1261	∮Coolgardie	30 57	121 10	423	971·5	1021·1	+ 2·4	291·1	295·2	17th	278·9	274·6	26th	285·0	*284·9*	+ 0·4	7	-26
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	∮Streaky Bay	32 48	134 13	13·1	1019·5	1021·1	+ 2·1	289·2	292·6	1st	282·5	278·0	24th,25th	285·8	*285·5*	+ 0·1	90	-26
1264	∮Adelaide	34 56	138 35	42·7	1014·9	1020·0	+ 0·9	288·8	292·7	1st	280·9	277·1	29th	284·9	*284·8*	0·0	89	-26
1265	∮Melbourne	37 49	144 58	35·1	1015·3	1019·6	+ 1·1	286·5	291·8	3rd	279·1	272·8	21st	282·8	*282·6*	- 0·4	37	-26
1266	∮Bourke	30 13	145 58	110	1008·1	1021·4	+ 0·1	290·9	296·9	11th	278·1	271·9	23rd	284·5	..	- 0·7	8	-26
1267	∮Sydney	33 51	151 13	42·1	1012·0	1017·1	- 0·6	289·8	295·4	12th	282·3	278·3	10th	286·0	*285·3*	+ 0·4	188	+26
1268	Lord Howe Island	31 20	159 0	4·9	1014·5	1015·0	- 2·2	292·3	294·7	4th	286·7	282·2	11th	289·5	..	- 0·1	207	+26
1271	Auckland	36 50	174 50	13·4	..	1011·6	- 2·9	287·8	291·9	17th	282·7	276·9	22nd,23rd	285·2	..	+ 0·3	146	+26
1272	Napier	39 29	176 55	1·5	..	..	..	286·2	290·5	1st	278·9	271·9	26th	282·5	..	0·0	52	+26
		S.	E.															

JUNE – ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 57	W. 176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	994·0	1011·0	- 2·4	282·0	285·0	9th,10th	278·1	275·5	1st	280·1	*280·7*	- 0·2	202	+26
1322	Punta Galera	40 1	73 44	40	1009·6	1014·5	- 0·5	284·1	286·5	9th	280·5	277·6	27th	282·3	*282·1*	- 0·2	439	+26
1323	Sarmiento	45 34	69 0	272	978·3	1011·6	+ 0·2	278·3	288·4	17th	272·1	256·6	27th	275·2	275·9	- 0·4	57	+26
1324	Puerto Madryn	42 49	W. 64 58	14	1010·4	1012·4	0·0	284·2	291·6	10th	272·0	263·4	28th	278·1	279·3	- 1·1	31	-26
1365	∮Launceston	41 27	E.147 10	10·1	1015·9	1017·1	+ 1·6	285·1	287·4	23rd	275·7	270·3	29th	280·4	*279·9*	- 0·7	56	-26
1366	∮Hobart	42 53	147 20	53·9	1010·7	1017·4	+ 3·2	284·6	288·0	11th	278·1	274·3	22nd	281·3	*280·8*	0·0	47	-26
1370	Invercargill	46 25	168 21	3·7	..	..	..	283·2	289·1	10th	275·1	269·7	17th	279·1	..	+ 0·2	128	+26
1371	Dunedin	45 52	170 31	6·1	..	1014·3	+ 0·9	282·3	289·7	9th	276·2	272·4	13th	279·2	..	- 0·4	42	+26
1371a	Christchurch	43 31	172 39	7·6	..	1013·7	+ 1·2	283·2	287·0	26th	276·6	270·8	4th	279·9	..	+ 0·5	123	+26
1372	Wellington	41 16	174 46	128	..	1012·4	- 2·0	284·1	287·4	8th	278·9	275·8	14th,23rd	281·5	281·4	- 1·2	115	+26
		S.	E.															

JUNE – ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	S. 52 24	W. 75 6	55	995·9	1002·7	+ 0·2	278·5	282·0	30th	275·0	272·5	27th	276·7	*277·2*	- 0·3	150	-26
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1001·2	1004·7	+ 1·7	276·8	280·0	29th	272·2	267·0	25th	274·5	*275·0*	- 0·3	22	-26
1423	Punta Dungeness	52 24	68 26	5	1002·3	1002·9	+ 0·8	278·9	280·8	16th	274·1	271·5	18th	276·5	*276·2*	- 0·3	27	-26
1424	Santa Cruz	50 1	68 31	12	1004·8	1006·3	+ 1·4	277·4	283·0	16th	271·2	263·0	28th	274·3	274·4	- 0·5	15	-26
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1003·7	- 0·6	277·7	282·4	19th	271·8	264·7	26th	274·7	..	- 0·5	89	-26
1426	Cape Pembroke	51 41	57 42	21·3	1001·9	1004·5	+ 1·8	277·8	280·8	18th	273·2	266·9	25th	275·5	275·6	- 0·5	87	-26
1429	S. Georgia (Cumberland Bay)	54 14	W. 36 33	4	1000·3	1000·8	+ 2·5	271·4	278·5	21st	266·8	258·8	30th	269·1	*269·1*	- 2·3	..	..
		S.																

JUNE – ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	7	1002·4	1003·2	+ 6·7	281·2	275·2	7th	252·5	236·6	29th	256·8	257·1	- 6·2	16	-26
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, JULY 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY, 1928 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. JULY – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
108	Barrow	71 23	156 17	7·0	..	1011·5	- 0·7	283·8	294·1	27th,28th	274·4	270·8	13th	279·1	..	+ 1·3	17	-12
126	Upernivik	72 47	56 7	19·2	1006·7	1009·0	- 2·5	..	..	..	276·2	272·0	11th,12th	..	*278·8*	+ 0·8	49	+26
131	Myggbukta	73 30	21 30	3·2	..	1009·8	..	..	294·2	27th	..	270·6	8th	..	*276·2*	..	1	..
132	Scoresbysund	70 29	21 58	16·9	1005·9	1007·9	..	283·2	290·2	20th	273·9	270·5	5th	278·5	*278·3*	..	5	..
136	Jan Mayen	70 59	W. 8 18	23·1	1002·7	1005·5	- 4·1	..	284·8	27th	274·9	272·6	16th	..	277·1	- 1·3	21	- 2
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1005·3	1006·6	- 5·9	..	286·0	22nd	275·7	274·0	3rd	..	277·9	- 0·5	15	- 1
140	Björnöen	74 28	19 17	40·5	999·1	1004·1	- 6·1	..	283·2	13th	274·7	271·4	29th	..	*276·8*	- 1·0	26	+ 7
141	Ingöy	71 4	24 6	7·5	1000·9	1001·8	- 8·5	..	287·6	29th	280·7	277·3	17th	..	*282·8*	- 0·4	57	+24
142	Sletnes	71 5	28 14	10·2	1002·1	1003·3	- 8·8	..	290·3	18th	280·1	276·8	5th	..	*281·8*	..	109	..
143	Vardö	70 22	31 8	11·8	1002·0	1003·4	- 8·7	..	287·8	15th	280·1	277·9	5th	..	*282·0*	+ 0·3	71	+26
147	Malye Karmakouly	72 23	52 43	15·3	1006·3	1008·1	- 4·9	284·0	288·3	20th,28th	277·6	273·8	1st	280·8	*280·4*	+ 1·3	40	+13
148	Malgatz	70 24	58 47	11·2	1008·0	1009·3	- 1·1	..	..	..	275·7	272·3	1st	..	*279·4*	+ 1·4	12	-18
151	Dickson	73 31	80 23	13·0	1011·4	1013·0	+ 3·4	..	..	..	275·9	272·1	3rd	..	*278·3*	+ 1·2	26	- 2
152	Rouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. JULY – ZONE 2.

201	Frobrajenye	N. 64 52	W. 175 42	?	..	..	..	286·1	296·3	26th	278·7	272·4	11th,12th	282·4	*282·8*	- 0·7	70	- 3
204	Nome	64 30	165 24	6·7	1007·4	1008·1	- 3·2	286·6	295·2	2nd	279·9	276·3	10th	283·3	..	..	147	..
208	Bethel	60 45	161 47	11·6	..	1008·1	..	286·6	295·2	2nd	279·9	276·3	10th	283·3	..	..	..	..
209	Tanana	65 10	152 6	69·5	1003·6	1011·5	- 1·5	294·3	301·3	4th	280·6	274·1	22nd	287·4	*287·9*	- 0·3	71	+10
210	Rampart	65 30	150 15	114	..	..	..	294·5	303·0	4th	279·9	274·1	22nd,24th	287·2	..	- 1·5	40	+ 4
217	Valdez	61 7	146 16	122	..	..	..	287·1	292·4	4,12,28	280·4	277·4	22nd,26th	283·7	..	..	121	..
218	Eagle	64 46	141 12	248	980·5	1010·8	- 1·3	294·5	298·6	2,12,30	280·3	273·6	23rd	287·4	*288·7*	- 0·7	53	+ 9
219	Dawson	64 4	139 29	324	973·3	1011·2	0·0	296·3	301·9	13th	280·8	274·7	23rd	288·6	*288·3*	+ 0·4	72	+33
211	Mayo Landing	63 35	135 51	579	..	..	..	296·3	301·9	5th,6th	279·7	270·2	23rd	288·0	*287·4*	..	15	..
213	∮Port Good Hope	66 25	128 53	65·2	1006·2	1013·9	- 0·7	296·9	304·1	3rd	283·6	276·3	16th	290·2	..	+ 1·9	16	+ 2
	Fort Simpson	61 52	121 35	129	997·6	1012·8	+ 1·9	..	..	..	..	..	..	291·7	..	+ 2·3	38	- 7
213	Hay River	60 51	115 20	161	992·4	1011·3	+ 0·8	295·8	306·3	29th	283·6	271·3	31st	289·7	..	+ 1·4	24	-10
220	Jacobshavn	69 13	51 2	31·6	1002·2	1006·1	- 4·9	283·9	289·4	25th	278·7	276·2	5th	281·3	*281·5*	+ 0·8	32	+ 1
221	Godthaab	64 10	51 43	20	..	..	..	285·6	292·2	22nd	277·9	274·6	10th	281·7	*281·3*	+ 1·7	62	+ 3
222	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
223	Angmagsalik	65 37	37 33	29·3	1004·3	1007·9	- 3·1	287·5	293·0	18th	277·3	271·9	6th	282·4	*281·6*	+ 1·8	0	-51
231	Stykkisholm	65 5	22 46	25	..	1005·8	- 4·5	288·2	292·5	24th	280·1	276·3	1st	284·1	*283·5*	+ 0·8	29	- 9
232	Westmanno	63 24	20 17	132	..	1005·6	- 4·4	287·8	292·3	1st	281·4	278·6	15th	284·6	*283·7*	+ 0·7	65	-14
233a	Grimsey	66 33	18 1	22·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Akureyri	65 41	18 5	7	..	1005·9	- 4·9	..	..	..	..	..	..	..	*283·8*	- 0·5	43	..
236	Teigarborn	64 41	14 22	18·0	..	1005·4	- 5·2	289·2	294·3	22nd	280·2	274·3	4th	284·7	*283·5*	+ 1·7	63	- 3
237	Hjlvig	62 3	6 45	22·9	1004·3	1007·1	- 4·5	285·1	287·9	20th	280·2	276·0	7th	282·7	*282·7*	- 0·9	90	+ 9
238	Lerwick	60 8	W. 1 11	18·0	..	1007·9	- 3·3	286·3	289·7	13th	281·9	279·1	4th	284·1	*284·1*	- 0·4	51	- 7
227	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1003·6	1009·0	- 2·3	287·1	290·3	27th	282·1	278·8	22nd	284·6	*284·0*	- 3·1	215	+97
228	Aalesund	62 28	6 10	6·3	1005·9	1006·7	- 4·4	..	289·3	13th	282·4	280·1	20th	..	*284·1*	- 1·8	172	+90
229	Trondhjem	63 26	10 25	59·2	998·4	1005·5	- 6·0	287·3	290·5	12th	281·1	278·1	20th	284·2	*284·1*	- 2·9	105	+47
230	Bodö	67 17	14 2	22·3	1000·8	1003·5	- 7·9	..	293·0	28th	281·4	279·0	19th	..	*283·4*	- 2·1	189	+124
239	Haparanda	65 50	24 9	9·2	1000·7	1001·8	- 8·5	290·5	295·5	28th	282·0	277·5	25th	286·3	*285·9*	- 2·2	90	+44
240	Helsingfors	60 10	24 57	11·7	1005·1	1006·5	- 4·3	290·8	296·5	14th	283·7	280·7	22nd	287·3	*286·7*	- 2·9	51	- 6
241	Kuopio	62 55	27 40	233	976·7	1004·3	- 6·0	290·1	296·7	14th	282·1	277·8	21st	286·1	*285·3*	- 4·2	132	+66
242	Kola	68 53	33 1	6·7	1001·9	1002·7	- 8·4	289·4	293·5	31st	280·9	274·3	29th	285·2	*285·4*	+ 0·1	73	+26
243	Petrozavodsk	61 47	34 23	79·0	996·0	1005·4	- 5·7	290·9	298·4	14th	283·1	277·5	30th	287·0	*286·9*	- 2·3	75	+ 1
244	Archangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Mezen	65 50	44 16	14·9	1003·6	1008·4	- 4·5	291·4	296·9	1st	281·8	277·3	18th	286·6	*286·8*	+ 0·2	46	- 1
246	Ust-Taylma	65 25	52 18	68	998·2	1006·3	- 4·1	292·2	295·9	2nd,31st	283·3	276·2	18th	287·8	*287·9*	+ 0·9	84	+15
247	Tchardyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Obdorsk	66 31	66 35	35·2	1008·4	1012·6	+ 1·9	292·8	297·8	13th	283·8	276·0	2nd	288·3	*289·7*	+ 1·9	44	- 9
250	New Port	67 42	72 57	3·3	..	..	..	288·0	295·1	17th	279·6	272·1	2nd	283·8	*284·0*	..	16	..
251	Sourgout	61 15	73 24	48	1005·1	1010·8	+ 3·7	..	..	..	..	..	..	..	*291·4*	+ 1·3	46	-20
252	Boulinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Touroukhansk	65 47	87 57	45·0	1004·2	1009·5	+ 4·0	..	..	..	..	..	..	..	*290·5*	+ 1·7	60	0
254	Yilouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
255	Iakoutsk	62 1	129 43	108	993·5	1006·0	+ 1·0	..	..	..	..	..	..	..	*291·0*	- 0·8	34	- 6
256	Verkholansk	67 33	133 24	100	989·0	1000·8	- 3·7	..	..	..	..	..	..	..	*286·5*	- 2·0	28	+ 2
257	Pétropavlovsko	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
258	Malakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
259	Novo Mariinskii Post	64 45	177 33	22·7	1005·4	1008·1	- 3·0	..	..	..	..	..	..	..	*282·5*	- 1·5	39	+ 5
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each dry are in italics. ∮Change of normals, see page 105.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 16	170 10	28·0	..	1006·8	- 5·6	281·4	283·0	7th,8th	277·3	275·2	1st,2nd	279·3	..	- 1·1	84	··
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1008·3	1008·8	- 5·9	285·5	289·1	12th	279·6	276·3	24th	282·5	*282·3*	- 1·2	75	··
304	Chernofski Harbor	54 27	166 42	?	..	..	..	285·6	289·1	12th	278·6	274·7	5th	282·1	..	..	150	+76
305	Dillingham	59 0	158 28	24·4	..	..	..	288·7	296·9	3rd	280·4	276·3	13th	284·5	..	- 1·7	‡139	+65
306	Kodiak (Radio)	57 47	152 22	4·6	1009·2	1009·8	- 5·0	287·2	291·9	3rd	280·8	278·6	18th	284·0	*283·6*	- 1·4	..	..
309	Sitka	57 3	135 19	19·8	..	..	..	289·6	294·7	3rd	281·5	276·3	24th,25th	285·5	..	- 0·2	115	+ 4
310	Prince Rupert	54 18	130 18	51·8	1012·1	1018·3	- 0·1	290·8	295·2	24th,26th	283·6	279·7	2nd	287·2	*287·2*	+ 1·0	117	+ 4
311	Barkerville	53 2	121 35	1274	870·3	1011·1	- 1·4	293·0	299·7	26th,27th	279·7	275·2	9th	286·3	*286·1*	+ 1·0	68	+ 4
312	¢Kamloops	50 41	120 29	385	969·5	1013·3	- 3·0	302·1	310·9	26th	288·4	284·3	16th	295·3	*295·1*	+ 1·2	29	··
313	Calgary	51 2	114 2	1058	895·6	1013·2	+ 2·0	296·9	305·2	24th	283·0	276·3	17th	289·9	*289·1*	+ 0·7	39	-26
314	Fort Chipewyan	58 42	111 10	218	985·6	1010·9	0·0	297·4	308·9	23rd	285·2	280·2	18th	291·3	*292·0*	+ 3·1	27	-35
315	Prince Albert	53 10	105 38	437	962·3	1012·6	+ 1·2	298·0	305·2	22nd	285·2	279·1	28th	291·6	*290·9*	+ 1·5	38	-35
316	Qu'Appelle	50 30	103 47	651	939·4	1013·5	+ 1·4	296·3	302·4	23rd	284·7	278·6	28th	290·5	*290·0*	0·0	47	+10
317	Minnedosa	50 15	99 50	515	953·6	1012·6	+ 0·7	295·9	302·4	15th	285·4	279·0	29th	290·7	*290·6*	+ 0·1	67	+10
318	Berens River	52 18	97 23	216	..	..	..	297·4	302·4	24th	282·3	277·4	11th,18th	289·9	..	- 1·4	53	- 7
318a	Port Nelson	57 0	92 51	14·9	1010·4	1012·2	+ 0·7	292·4	302·4	14th	280·2	273·0	2nd	286·3	..	+ 0·2	39	-26
319	Pagwa	50 3	85 18	189	..	..	..	297·3	304·7	16th	282·1	275·8	2nd,24th	289·7	..	0·0	43	-26
320	Moose Factory	51 14	80 30	9·1	1009·5	1010·6	- 0·3	294·7	302·4	16th,21st	283·0	276·9	25th	288·8	..	- 0·5	61	-35
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	+10
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	204	- 4
324	¢Matashquan	50 6	61 48	6·1	..	..	..	300·8	1st,2nd	..	280·8	25th	..	..	..	..	76	-26
326	Belle Isle	51 53	55 23	130	993·4	1009·5	- 2·7	291·6	299·1	25th	283·2	277·4	7th	287·4	..	+ 0·5	139	-17
333a	62°-57°N. 20°-15°W.	††59 34	††17 16	§(49)	..	..	..	285·3	291·3	24th	279·7	275·8	4th	282·4	*282·3*	- 0·2	..	..
334	Valentia Observatory	51 56	10 15	13·7	..	..	..	..	..	Sea Temp. 284·6 |-0·2	..	..	..	..	..	..	62	-26
335	Aberdeen	57 10	W. 2 6	28·0	1018·0	1019·7	+ 4·2	290·1	294·9	21st	285·5	281·6	3rd	287·8	287·8	- 0·1	53	-17
336	Greenwich	51 28	0 0	46·3	1009·0	1012·1	- 0·4	290·3	296·0	11th	283·9	279·3	31st	287·1	286·8	+ 0·4	54	-26
337	Uccle	50 48	E. 4 22	100	..	1019·2	+ 3·6	299·1	306·3	22nd	285·6	281·9	18th	292·4	291·7	+ 1·9	..	..
338	De Bilt	52 6	5 11	3·0	1007·1	1018·9	+ 3·0	299·2	307·6	15th	284·5	280·0	8th	291·8	290·9	+ 1·5	33	-26
338a	Hamburg	53 33	9 58	40·3	1018·1	1018·5	+ 3·2	296·1	305·4	16th	284·7	278·9	8th	290·4	290·2	+ 0·4	42	-26
339	‡Copenhagen (Meteon Inst.)	55 41	12 36	5·0	1012·4	1017·2	+ 3·0	294·9	306·5	15th	285·5	282·0	5th	290·2	*289·9*	- 0·3	73	-17
340	Potsdam	52 23	13 4	84·9	1013·1	1013·7	+ 0·8	292·7	301·3	13th	284·5	280·5	5th	288·6	*288·9*	+ 0·5	34	-26
340a	Uppsala	59 51	17 38	24	1007·3	1017·3	+ 2·9	297·8	308·1	13th	286·1	280·9	9th	291·9	291·7	+ 1·0	37	-17
341	Warsaw	52 13	21 3	89·9	1003·5	1006·4	- 4·2	292·7	300·3	15th	282·7	276·5	22nd	287·7	287·5	- 2·1	66	-26
342	Tartu (Ülikooli)	58 23	26 43	80·8	1006·0	1016·6	+ 2·5	297·9	308·4	16th	286·2	282·1	10th	292·1	*292·3*	..	98	+26
343	Leningrad	59 56	30 16	8·6	999·3	1008·9	- 2·1	291·9	298·0	14th	283·7	279·9	22nd	287·8	287·8	- 2·2	..	..
344	Kiiv	50 27	30 30	183	1005·9	1006·9	- 3·7	291·4	297·0	15th	284·7	280·8	21st	288·0	*287·8*	- 2·6	119	-17
344a	Moscow	55 50	37 33	167	..	..	..	..	..	..	..	..	..	..	..	..	58	-26
345	Saratov	51 32	46 2	127	991·0	1010·7	+ 0·1	294·8	299·4	16th,30th	284·0	279·2	6th	289·4	*289·4*	- 1·6	78	-17
346	Kazan	55 47	49 8	79·9	999·6	1008·9	- 1·5	296·8	303·4	11th	287·8	284·4	2nd	292·3	*291·6*	- 1·3	78	-17
347	Orenburg	51 45	55 6	109	997·4	1010·1	+ 0·4	300·0	305·9	21st	287·6	282·9	4th	293·8	*293·5*	- 1·4	115	-17
348	Perm	58 1	56 16	163	988·7	1007·7	- 1·7	..	..	..	..	..	..	..	*290·6*	- 0·3	..	..
349	Sverdlovsk	56 50	60 38	281	975·5	1008·1	+ 0·1	..	..	..	..	..	..	..	*289·9*	- 0·1	144	-17
350	Tobolsk	58 12	68 14	108	997·4	1010·1	+ 1·7	..	..	..	..	..	..	..	*291·3*	+ 0·2	110	-17
351	Akmolinsk	51 12	71 23	347	968·2	1008·0	- 0·1	..	..	..	..	..	..	..	*291·8*	- 1·4	157	-17
352	¢Omsk	55 1	73 19	108	996·0	1008·6	+ 0·8	..	..	..	..	..	..	..	*291·8*	- 0·6	83	-17
353	Barnaoul	53 20	83 48	162	990·2	1008·9	+ 3·2	..	..	..	..	..	..	..	*293·7*	+ 1·4	84	-17
354	Tomsk	56 30	84 58	123	995·4	1009·7	+ 2·6	..	..	..	..	..	..	..	*291·8*	+ 1·0	56	-17
355	Minousinsk	53 43	91 41	249	980·4	1009·0	+ 2·5	..	..	..	..	..	..	..	*293·1*	- 0·2	42	-17
356	Eniseisk	58 27	92 10	81·2	999·9	1009·4	+ 3·3	..	..	..	..	..	..	..	*291·9*	0·0	42	-17
357	Irkutsk	52 16	104 19	467	954·6	1008·1	+ 1·6	..	..	..	..	..	..	..	*290·4*	+ 0·1	47	-17
358	Kirensk	57 47	108 7	278	975·8	1008·1	+ 2·2	..	..	..	..	..	..	..	*290·0*	- 1·6	121	-17
359	Tchita	52 2	113 30	685	925·7	1002·7	- 1·0	..	..	..	..	..	..	..	*289·9*	- 1·7	130	-17
360	Nertchinskii Zavod	51 19	119 37	621	934·4	1004·1	- 0·2	..	..	..	..	..	..	..	*291·5*	- 0·4	51	-17
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	987·1	1003·4	- 2·1	..	..	..	..	..	..	..	*293·6*	- 0·7	284	+17
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1002·2	1007·1	0·0	..	..	..	..	..	..	..	..	..	39	-17
366	Okhotsk	59 21	143 17	6·0	1009·8	1010·5	+ 0·8	..	..	..	..	..	..	..	*291·3*	+ 1·9	33	-17
															283·8	- 0·6		
368	Petropavlovsk (Phare)	52 53	158 43	87·1	999·8	1010·0	+ 0·1	..	..	..	..	..	..	..	*285·6*	+ 2·0	42	-17
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See 'Remarks' page 106.
††Mean latitude and longitude of the observations. §Number of observations. ¢Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
451	Victoria, B.C.	48 24	123 19	70·1	1007·5	1015·9	- 1·1	293·5	305·2	25th	284·8	283·0	13th	289·1	*288·6*	+ 0·5	6	- 5
452	Portland, Oregon	45 32	122 41	46·6	1010·9	1016·2	- 0·9	299·2	310·2	24th	287·9	283·0	2nd	293·6	*293·6*	+ 1·4	11	- 4
453	Macleod	49 44	113 24	953	..	..	..	297·7	306·3	25th,30th	285·1	280·2	7th	291·4	*291·8*	+ 0·2	87	+36
454	Helena	46 34	112 4	1253	874·6	1013·9	- 0·2	299·6	308·0	28th	285·3	281·3	4th	292·4	*292·2*	- 0·5	42	+13
454a	Salt Lake City	40 46	111 54	1329	866·9	1011·5	- 0·3	304·8	310·8	27th	291·7	283·6	7th	298·2	*298·4*	+ 0·4	10	- 3
455	Cheyenne	41 8	104 48	1856	816·4	1013·9	- 0·1	299·0	305·2	31st	284·5	280·2	8th	291·8	*291·7*	- 0·8	50	- 1
455a	North Platte	41 8	100 45	860	917·0	1013·9	- 0·4	302·0	309·7	6th	290·1	285·8	8th	296·0	*296·3*	- 0·4	128	+57
456	Bismarck	46 47	100 38	510	954·3	1013·5	- 0·4	299·8	308·3	5th	287·7	281·3	28th	293·8	*294·0*	- 0·3	129	+72
457	Winnipeg	49 53	97 7	232	985·8	1012·8	+ 0·5	298·1	305·0	23rd	287·3	281·9	29th	292·7	*292·4*	+ 0·6	113	+34
458	Duluth	46 47	92 6	345	973·8	1014·2	0·0	295·8	302·4	18th	284·9	280·8	28th	290·2	*290·1*	- 0·7	180	+84
459	Port Arthur	48 27	89 12	196	990·4	1013·3	- 0·4	295·2	305·2	15th	285·2	278·6	28th	290·2	*290·1*	+ 0·4	88	- 6
460	Chicago	41 47	87 35	205	991·1	1015·6	+ 0·3	299·7	306·3	7th	291·6	285·8	29th	295·7	*295·5*	- 0·6	75	-11
461	Toronto	43 40	79 24	116	1000·4	1013·9	+ 0·7	299·3	305·4	8th	289·0	284·6	29th	294·1	*293·8*	+ 0·5	143	+71
462	New York (Central Park)	40 47	73 58	47·4	1009·1	1014·6	- 0·9	302·0	307·4	8th	292·8	288·6	30th	297·4	*296·9*	+ 0·1	226	+110
463	St. John, N.B.	45 17	66 4	36·3	1009·4	1013·7	0·0	294·1	299·9	5th	285·6	283·2	30th	289·8	*289·7*	+ 1·0	105	+13
464	S.W. Point, Anticosti	49 24	63 33	9·1	1009·7	1010·8	+ 0·3	289·7	294·1	11th,12th	284·1	278·0	14th	286·9	*287·1*	+ 0·2	53	-28
464a	Sable Island (Main Station)	43 57	60 6	7·6	1014·2	1015·1	- 0·8	291·3	294·7	23rd	286·9	282·4	10th	289·1	*289·4*	+ 1·2	45	-48
465	Fort aux Basques	47 35	59 10	9·1	1011·3	1012·4	- 1·3	290·3	294·4	22nd	284·3	279·9	7th,10th	287·3	*287·1*	+ 1·1	114	+ 2
466	St. John's, Newfoundland	47 34	52 42	74·1	1004·0	1012·9	- 0·7	..	..	..	..	..	..	285·8	..	- 2·4	60	-36
466	Madrid	40 24	3 41	667	942·6	1016·7	+ 2·0	304·6	308·3	3rd	292·2	288·7	6th	298·4	*297·4*	+ 2·2	8	0
467	Nantes	47 15	W. 1 34	36·5	1015·6	1019·9	+ 2·0	299·9	306·4	26th	286·8	281·3	5th	292·9	293·1	+ 1·9	15	-41
468	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1014·2	1020·1	+ 3·1	299·5	307·9	15th	286·5	282·6	1st	293·0	293·3	+ 2·2	27	-25
468a	Marseille	43 18	5 23	75	304·8	307·6	15th	291·4	287·0	9th	298·1	*298·0*	+ 2·9	1	-16			
469	Zürich	47 23	8 33	493	962·8	1019·0	+ 2·2	302·1	308·0	27th	287·3	283·3	9th	294·7	293·9	+ 2·8	25	-105
469a	Rome	41 54	12 27	45·5	1011·5	1016·7	+ 1·7	307·5	309·4	18th	294·5	290·0	1st	301·0	*301·0*	+ 3·5	0	-17
470	Vienna	48 15	16 22	203	994·6	1018·2	+ 3·2	300·1	306·2	16th	289·2	283·4	9th	294·6	294·6	+ 1·5	26	-53
471	Budapest	47 31	19 1	130	1002·7	1017·8	+ 3·9	305·2	311·4	17th	290·2	285·2	10th	297·7	297·2	+ 2·7	16	-39
472	Sofia	42 42	23 20	550	954·8	1016·4	+ 2·6	303·8	307·5	29th	289·6	285·3	1st	296·6	*297·2*	+ 3·6	0	-72
473	Bucharest	44 25	26 6	82	1007·9	1017·4	+ 4·8	304·9	309·9	30th	290·6	286·4	9th	297·7	297·7	+ 2·0	35	-33
474	Odessa (Observatory)	46 26	30 46	42·8	1012·0	1017·0	+ 4·6	300·4	306·1	15th	291·2	286·0	11th	295·8	*295·6*	0·0	12	-37
474a	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
475	Novorossiisk	44 44	37 49	37·1	1010·6	1014·9	+ 4·0	303·2	310·0	30th	293·2	286·9	11th	298·2	*297·8*	+ 1·4	4	-82
476	Tiflis	41 43	44 48	404	967·0	1012·4	+ 2·6	302·8	307·9	23rd	291·6	289·0	17th	297·2	297·3	+ 0·1	61	+12
477	Astrakhan	46 21	48 2	-13·8	1014·8	1013·1	+ 2·5	..	..	..	..	..	..	..	..	..	..	..
478	Fort Alexandrovsk	44 31	50 7	-23·0	1015·4	1012·7	+ 3·0	..	..	..	..	..	..	..	*297·6*	+ 0·1	15	+ 2
479	Krasnovodsk	40 0	52 59	-4·6	1011·6	1011·1	+ 3·1	..	..	..	..	..	..	..	*297·4*	- 1·5	45	+30
480	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*300·1*	- 1·4	5	0
481	Tashkent	41 20	69 18	478	952·7	1005·7	+ 1·9	306·6	310·7	27th	291·7	287·3	8th	299·1	*299·1*	- 0·6	2	- 2
482	Narynskoe	41 26	76 13	2015	794·2	..	+ 0·5	294·5	300·1	18th	282·2	278·1	9th	288·3	*287·6*	- 2·5	98	+60
482a	Alma Ata	43 18	76 53	841	914·7	1006·9	+ 2·0	301·4	307·1	29th	289·8	286·4	8th	295·6	*295·0*	..	61	+26
483	Mowaden	41 48	123 23	43·8	999·2	1004·2	- 0·4	303·0	308·2	11th	293·0	290·1	1st	298·0	297·5	- 0·2	150	-12
483a	Joshkin	40 40	129 11	31·9	1003·9	1007·6	+ 0·2	297·4	302·3	11th	291·2	287·2	4th	294·3	293·9	+ 0·6	156	+42
484	Tuki	42 20	130 24	63·8	999·8	1007·2	- 0·4	295·5	302·9	11th	290·5	284·9	4th	293·0	292·8	+ 0·2	232	+118
485	Vladivostok	43 7	131 54	128	993·0	1008·0	- 0·2	..	..	..	..	..	..	..	*292·5*	- 0·1	214	+137
486	Ochiai	47 20	142 47	27·4	1007·7	1010·9	+ 1·8	296·8	305·0	27th	285·4	278·4	2nd	291·1	290·6	+ 2·4	92	- 9
486a	Memuro	43 20	145 35	28·7	1010·3	1013·5	+ 3·4	290·3	296·4	10th	284·1	278·7	7th	287·2	286·8	- 0·3	59	-37
488	Oyama	45 14	147 53	39·3	1009·0	1013·7	+ 3·1	292·5	299·3	30th	283·9	276·0	2nd,7th	288·2	288·1	+ 1·4	62	-12
		N.	E.															

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 28	47·2	1007·7	1013·5	- 0·9	291·0	296·9	7th	284·8	283·0	17th	287·8	*287·4*	+ 0·7	0	- 1
512	Sacramento	38 35	121 30	21·0	1008·0	1010·5	- 1·1	305·1	311·9	7th	286·4	284·1	10th	295·8	*295·8*	- 0·1	0	- 1
513	San Diego	32 43	117 10	28·5	1009·8	1012·8	- 0·1	294·8	298·6	31st	289·6	288·0	6th	292·2	*291·8*	- 0·1	0	- 2
514	Modena	37 48	113 54	1868	834·6	1011·2	- 0·4	304·4	308·6	27th	284·7	278·6	2nd	294·6	*294·2*	+ 0·3	27	-10
515	Santa Fé	35 41	105 57	2138	791·5	1011·5	+ 0·3	301·0	304·7	4th	287·0	284·1	25th	294·0	*293·5*	+ 0·8	17	-50
516	Denver	39 45	105 0	1613	840·2	1014·2	+ 0·2	301·7	308·0	5th	287·7	284·1	8th	294·7	*294·8*	- 0·6	26	-19
517	Abilene	32 23	99 40	530	953·9	1013·2	- 0·1	307·6	312·4	3rd	296·2	291·3	27th	301·9	*301·2*	+ 0·9	77	+27
518	Saint Louis	38 38	90 12	173	995·3	1015·2	+ 0·1	304·3	308·0	3rd	294·9	290·2	29th	299·6	*299·3*	+ 0·4	169	+77
519	Mobile	30 41	88 2	17·4	1014·8	1016·9	+ 0·4	305·1	308·6	1st	296·9	294·7	31st	301·0	*300·0*	+ 1·1	85	-94
520	Nashville	36 10	86 47	186	997·4	1016·8	+ 0·5	304·3	308·9	22nd	293·9	290·8	15th	299·1	*298·9*	0·0	92	-13
521	Charleston	32 47	79 56	14·6	1015·7	1017·3	+ 0·5	303·7	307·4	28th	296·8	294·1	14th	300·2	*300·3*	+ 0·2	131	-49
522	Washington	38 54	77 3	34·1	1011·1	1014·9	- 0·5	303·8	309·1	4th	293·4	287·4	30th	298·6	*298·3*	+ 0·9	55	-65
524	Bermuda	32 17	64 46	46·0	1016·7	1022·0	+ 1·5	303·6	305·4	28th	295·2	293·4	2nd,3rd	299·4	*300·0*	+ 0·6	89	-26
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see page 107.

JULY – ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	ǂSanta Cruz (Flores)	39 27	31 9	40	1019·3	1024·0	- 1·8	297·1	301·3	22nd	291·7	289·1	4th	294·4	294·3	- 0·2	35	-20
531	Horta	38 32	28 38	65	1016·2	1024·0	- 1·0	297·9	300·2	29th	291·7	289·4	4th	294·8	294·3	- 0·2	57	+ 3
532	Ponta Delgada	37 44	25 40	22	1020·7	1023·3	- 0·8	296·8	298·4	20th,22nd	292·0	288·9	5th	294·4	294·2	+ 0·3	36	+ 4
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
533	Madeira (Funchal)	32 38	16 55	25	1017·6	1020·5	+ 0·2	296·9	299·5	18th	292·4	290·5	6th	294·7	*294·8*	+ 0·6	0	- 2
535	Lisbon	38 43	9 9	95	1006·2	1017·2	0·0	302·7	309·0	21st	292·7	287·1	2nd	297·7	297·2	+ 3·1	0	- 1
535a	Malilla	35 17	2 59	40	1012·9	1017·5	..	300·7	305·8	28th	295·1	293·1	3rd	297·9	*298·1*	- 1·1	0	+ 1
536	Gibraltar	36 6	5 21	16·2	..	1017·7	+ 0·7	301·3	310·2	27th	294·6	290·2	1st	298·0	*297·3*	+ 1·2	1	+ 1
536a	Colomb-Béchar	31 38	W. 2 4	769	930·0	1011·6	..	311·9	314·0	25th	296·0	292·0	9th	304·0	*304·3*	- 0·9		
537	Palma	39 34	E. 2 39	23	1015·1	1017·7	- 0·3	306·1	311·0	6th	291·5	288·8	2nd	298·8	*299·1*	+ 0·6	1	-20
538	Algiers (Bouzaréah)	36 48	3 2	342	976·0	1017·2	+ 1·9	300·8	311·2	4th	294·4	290·4	2nd	297·6	297·2	+ 1·2	0	- 4
538a	Gadames	30 9	9 30	351	..	..	..	314·4	318·0	21st	294·6	291·0	5th	304·5	..	- 2·2	2	- 2
539	Tunis	36 48	10 10	75	1009·9	1018·5	..	304·7	312·1	29th	293·2	289·8	4th	299·0	*298·9*	+ 0·5	0	- 2
539a	Malta	35 54	14 31	71·2	..	1016·4	+ 2·2	302·8	308·0	30th	296·1	293·0	1st,2nd	299·4	*298·6*	+ 0·7	2	- 2
540	Riposto	37 41	15 14	14·2	..	1017·6	+ 1·3	303·2	305·5	8th	294·7	292·5	2nd	298·9	*298·5*	+ 0·6	0	- 2
541	Athens	37 58	23 43	107	1000·9	1013·0	+ 1·7	306·5	311·7	18th	296·9	292·7	2nd	301·7	301·4	+ 1·5	0	- 2
542	Alexandria	31 12	29 53	32·0	1005·5	1009·2	- 0·4	301·8	303·4	31st	296·0	294·8	6th	298·9	*298·5*	- 0·2		
543	Ankara (Angora)	39 58	32 48	861	916·2	1010·2	+ 0·3	303·7	308·3	30th	287·7	283·2	2nd	295·7	*296·9*	..	4	- 2
543a	Nicosia (P.W.D.)	35 9	33 22	159	987·5	1005·0	- 0·5	310·8	313·6	31st	294·8	291·9	6th	302·8	..	+ 1·4	0	- 2
544	Beirut	33 54	35 28	33·7	..	1008·7	- 0·9	304·4	305·8	31st	296·9	295·2	6th,7th	300·7	*300·5*	+ 1·0	0	- 2
545	Hinaidi	33 17	44 29	32·3	995·3	998·9	- 0·2	317·6	320·8	23rd	298·9	294·7	17th	308·2	*308·8*	+ 0·6	..	- 2
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	0	+ 2
547	Tehran	35 41	51 25	1220	..	..	..	307·7	310·8	1st	294·4	289·2	3rd	301·1	*300·9*	- 1·3	3	+ 1
548	Meshed	36 17	59 38	946	873·1	..	..	305·6	309·8	27th	288·8	285·8	8th	297·2	..	- 0·5		
549	Seistan	31 0	61 30	610	..	..	..	310·7	314·1	28th	297·9	293·8	6th	304·3	..	- 1·4	0	-10
550	Quetta	30 12	67 0	1673	827·4	..	+ 1·3	308·3	311·4	19th	290·2	283·2	9th	299·2	*299·0*	0·0	0	-20
551	Peshawar	34 2	71 37	339	961·2	997·9	+ 0·5	314·4	319·6	21st	300·8	297·9	11th	307·6	*307·1*	+ 1·8	4	-20
551a	Lahore	31 34	74 20	214	974·3	997·7	+ 0·3	311·9	316·9	1st	301·3	295·9	2nd	306·6	*306·1*	+ 1·3	109	+ 1
552	Simla	31 7	77 8	2202	777·0	..	+ 0·3	294·7	298·7	1st	288·6	286·6	3rd	291·7	*291·5*	+ 0·3	329	+ 1
552a	Leh	34 10	77 42	3503	664·6	..	+ 0·3	297·9	302·1	19th	283·6	280·3	12th	290·8	*289·8*	+ 0·2	12	- 4
559	Hankow	30 35	114 17	37·0	1000·1	1004·2	+ 0·2	308·5	312·1	25th	299·3	297·1	1,7,28	303·9	*303·1*	+ 1·4	71	+45
560	Tientsin	39 9	117 9	6·4	1002·7	1003·3	- 0·8	304·9	314·4	2nd	295·3	289·4	7th	300·1	*299·9*	+ 0·4	250	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·2	1005·0	+ 0·3	305·3	309·2	16th	296·4	291·7	29th	300·9	299·7	- 0·2	125	-38
562	Jinsen (Chemulpho)	37 29	126 37	87·6	999·6	1007·4	+ 0·8	300·7	305·1	31st	293·7	291·1	21st	297·2	296·8	+ 0·6	180	+46
562a	Nagasaki	32 44	129 52	133	993·7	1008·8	+ 0·4	302·0	304·3	15th	295·5	292·2	5th	298·9	297·9	- 0·6	381	-20
563	Kyoto	35 1	135 44	42·9	1004·6	1009·5	+ 1·0	303·3	306·9	27th	294·4	288·5	5th	298·9	298·6	+ 0·4	154	- 1
564	Tokyo	35 41	139 46	5·8	1010·4	1011·1	+ 1·8	299·6	304·4	16th	293·5	289·2	5th	296·5	296·4	- 0·8	127	- 2
565	Hukusima	37 45	140 28	68·5	1003·5	1011·4	+ 2·2	300·7	307·0	11th	292·5	286·5	1st	296·6	295·9	- 0·3	109	+38
566	Miyako	39 38	141 59	30·4	1007·8	1011·3	+ 1·9	297·7	305·7	15th	290·4	283·9	5th	294·1	293·4	- 0·5	154	
		N.	E.															

JULY – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1018·9	1019·6	+ 0·7	301·4	304·1	7th	294·0	291·3	21st	297·7	*297·2*	- 0·6	289	+156
605	Honolulu	21 19	157 52	11·6	1015·7	1016·9	+ 0·4	300·5	301·9	22nd	296·1	294·7	17th	298·3	*298·1*	- 0·1	36	- 7
613	Guaymas	27 55	110 53	8·3	1009·5	1010·4	..	307·1	310·0	sev.dates	300·0	297·5	16th	303·5	*302·5*	- 0·9	10	-12
615	Leon	21 7	101 41	1809	822·0	1010·0	- 0·6	300·1	303·3	18th	287·8	286·4	4th	293·9	*292·9*	- 0·8	177	+48
616	Monterry	25 40	100 18	528	953·0	1011·1	- 0·2	307·0	310·2	21st	295·7	294·3	4th	301·3	*300·9*	+ 0·6	15	- 6
617	Tulancingo	20 5	98 22	2181	791·1	..	- 0·2	296·0	300·4	19th	288·0	280·2	31st	292·0	*288·5*	- 0·9	112	+38
618	Galveston	29 18	94 50	16·5	1014·7	1016·6	+ 0·7	304·0	305·8	23rd	299·5	295·2	7th	301·8	*301·3*	+ 0·5	89	- 3
618a	New Orleans	29 57	90 4	18·2	1015·0	1016·6	+ 0·7	305·4	308·6	3rd	297·2	294·1	22nd	301·3	*300·5*	+ 0·2	146	+48
619	Mérida, Yuc.	20 58	89 38	22	1012·5	1015·0	- 0·6	305·7	308·0	sev.dates	297·0	295·2	29th	301·3	*300·4*	+ 0·6	14	- 4
620	Havana	23 7	82 25	77·0	1007·1	1015·9	- 0·8	304·5	306·5	20th	296·9	294·0	4th,5th	300·7	299·7	..	174	+41
620a	Key West	24 33	81 48	6·7	1016·3	1016·9	+ 0·2	304·6	306·3	22nd	298·8	295·8	9th	301·7	*301·4*	+ 0·1	44	- 4
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·4	+ 0·7	303·9	305·2	23,27,31	297·2	292·4	1st	300·5	*300·6*	- 0·7	158	- 2
622	Watling Island	24 6	74 26	33·5	1015·3	1019·1	+ 0·6	..	303·6	23,30,31	..	297·4	9th	..	*301·3*	- 0·5	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	298·8	302·0	30th	294·1	292·5	5th	296·5	*295·8*	..	1	- 4
634m	Izaña	28 19	16 30	2367	773·5	..	+ 0·5	294·7	298·6	27th	286·1	280·8	23rd	290·4	*289·3*	+ 0·3	0	- 4
634	La Laguna	28 28	16 20	547	954·2	1016·3	- 0·7	299·4	305·8	2nd	288·6	285·3	2nd	294·0	*293·3*	+ 0·7	0	- 4
636	Adrar	27 38	W. 0 4	285	980·7	1011·9	..	318·3	321·4	31st	298·8	294·5	7th	308·6	*311·5*	..	..	..
638	Laperrine	22 38	E. 5 26	1350	866·6	1005·8	..	309·1	311·3	21st	293·8	290·0	14th	301·5	*304·3*	..	0	- 4
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	292·2	285·2	15th	..	..	..	0	- 4
642	Siwa	29 12	25 29	-23	1013·5	1010·8	+ 0·7	310·8	313·5	30th	293·9	290·5	18th	302·4	..	..		
643	Cairo (Helwan)	29 52	31 20	116	994·8	1008·0	- 0·2	308·7	311·2	31st	293·9	291·8	7th	301·3	*301·0*	0·0	..	..
643a	Aswan	24 2	32 53	100	995·6	1006·4	+ 0·4	314·0	316·9	23rd	296·0	296·2	8th	306·0	*305·8*	- 0·2	0	- 4
644	Tor	28 14	33 37	1·9	1004·8	1005·0	0·0	307·1	311·5	28th	297·8	293·5	18th	302·4	*301·7*	+ 0·7		
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108, 109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ǂChange of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JULY – ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	996·4	996·8	..	308·8	310·5	10th	303·3	299·9	8th	306·1	*305·4*	+ 1·1	0	0
649	Jask	25 45	57 45	4·0	996·8	997·0	..	308·4	313·2	25th	301·8	299·7	29th	305·1	*304·4*	- 0·5	0	0
649	Karachi	24 53	66 57	4·0	999·3	999·7	+ 0·4	304·0	305·3	28th	299·6	298·0	16th	301·8	*301·1*	- 0·4	20	-54
650	Jacobabad	28 17	68 29	56·7	990·8	997·0	+ 0·7	315·1	319·5	22nd	302·6	298·8	6th	308·8	*308·2*	0·0	10	-12
651	Jaipur	26 56	75 52	436	952·1	999·7	+ 0·3	307·9	311·2	1st	299·2	296·6	31st	303·6	*302·9*	+ 0·6	107	-97
652	Nagpur	21 8	79 5	310	967·5	1002·0	+ 0·3	303·6	307·7	10th	296·7	295·5	2nd,11th	300·2	*299·6*	- 0·4	314	-37
652a	Allahabad	25 25	81 51	94·2	988·1	998·6	- 0·2	308·1	310·3	23rd	299·4	297·2	29th	302·7	*302·1*	- 0·5	249	-49
654	Darjeeling	27 3	88 15	2265	772·5	..	+ 0·2	293·2	297·3	22nd	288·2	286·9	2,4,14	290·7	*290·5*	+ 1·0	668	-152
654	Calcutta	22 32	88 20	6·4	999·7	1000·5	+ 0·4	304·6	307·0	31st	299·1	297·6	3rd	301·8	*301·7*	+ 0·3	582	+244
655	Gauhati	26 8	91 41	59·7	995·9	1002·6	+ 0·6	305·8	309·1	20th	298·7	297·3	7th	302·2	*301·6*	+ 0·3	133	-165
655a	Cherrapunji	25 15	91 42	1313	863·3	..	+ 0·5	295·8	300·8	18th	291·9	290·2	6th	293·8	*293·2*	+ 0·5	2570	+68
656	Akyab	20 11	92 56	8·1	1002·7	1003·3	- 0·4	301·4	302·9	30th	298·0	296·8	2nd	299·7	*299·8*	- 0·5	1194	-196
656a	Mandalay	21 59	96 0	78·2	995·9	1004·4	+ 0·2	304·9	307·7	23rd	298·6	296·7	2nd	301·8	*301·2*	- 1·5	387	+303
657	Tengyueh	25 2	98 33	1626	832·0	1001·8	..	296·6	301·3	18th	289·8	285·2	1st	293·2	*292·5*	+ 0·1	409	+71
658	Fim Lien	20 48	106 38	116	..	1002·7	0·0	303·7	308·0	14th	298·3	296·0	12th	301·0	300·8	- 0·4	453	+189
659	Moncay	22 11	107 51	9·0	..	1003·2	+ 0·2	305·5	309·8	14th	298·1	296·2	1st	301·8	*301·1*	+ 0·1	682	+311
660	Hongkong	22 18	114 10	33·2	..	1004·3	- 0·4	304·4	306·7	30th	299·6	297·6	14th,15th	302·0	301·6	+ 0·8	121	+245
661	Amoy	24 26	118 4	4·9	..	..	..	305·9	308·6	12th	301·1	297·4	6th	303·5	302·9	+ 1·1	12	-121
661	Taihoku, Formosa	25 2	121 31	9·3	1004·5	1005·5	- 0·1	307·5	310·1	24th	297·9	296·0	7th	302·7	302·0	+ 0·9	123	-103
661a	Zasco	20 28	121 59	18·7	..	1004·2	- 1·2	304·6	305·6	22nd	298·6	295·8	14th	301·6	301·5	+ 0·3	313	- 1
662	Naha	26 12	127 39	29·5	1003·5	1006·8	- 0·8	303·5	305·7	28th	298·4	296·0	13th	300·9	300·8	- 0·1	101	-87
665	Yitiizima (Bonin Islands)	27 5	142 11	4·1	1007·6	1008·1	- 3·5	303·8	306·3	6th	298·0	296·6	14th	300·9	300·4	+ 0·3	175	+ 9
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

JULY – ZONE 7.

716	Colima	N. 19 12	W. 103 45	498	957·1	1012·4	+ 0·2	304·7	310·0	18th	293·4	291·7	8th	299·1	*298·7*	- 0·3	119	-57
717	Morelia	19 42	101 7	1923	810·4	1009·8	- 0·6	295·5	298·2	sev.dates	287·3	284·7	21st	291·4	*291·3*	+ 0·2	187	+26
718	Mexico, Tacubaya	19 24	99 12	2309	775·6	..	- 0·4	296·4	300·1	21st	283·9	281·8	19th	290·1	288·8	+ 0·1	173	+46
718	Salina Cruz	16 12	95 12	56	1004·8	1011·2	- 1·1	303·3	306·4	20th	296·7	294·5	28th	300·0	*300·7*	- 0·3	67	-49
720	San Salvador	13 42	89 13	682	937·1	1012·1	- 0·1	306·0	308·0	18th	291·4	289·8	29th	298·7	*297·3*	+ 0·7	456	+158
721	Belize	17 31	88 11	5·2	1012·9	1013·5	0·0	..	..	..	297·6	292·7	9th	..	‡*299·3*	- 0·2	160	+22
723	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·1	+ 0·5	304·8	308·4	17th	295·5	293·8	19th	300·1	*299·9*	+ 0·2	124	-24
724	Fort au Prince	18 33	72 20	37·4	1011·1	1015·3	- 0·1	308·6	310·8	15th	296·7	294·1	25th	302·7	*302·0*	+ 1·2	28	-41
724a	Caracas	10 30	66 56	1042	899·5	1013·8	- 0·5	297·7	299·2	3rd,15th	289·3	286·5	2nd	293·5	*292·6*	- 0·5	114	+ 5
725	San Juan, Porto Rico	18 29	66 7	25·0	1014·1	1016·9	+ 0·2	302·4	305·2	26th	296·9	294·1	9th	299·7	*299·6*	+ 0·1	218	+55
726	Grenada (Richmond Hill)	12 5	61 46	188	992·1	1013·6	+ 0·1	303·5	305·2	12,13,14	296·5	294·7	16th	300·0	*299·3*	+ 0·8	196	-43
726	Barbados	13 8	59 36	55·2	..	1015·1	+ 0·4	302·7	304·0	27th	296·8	295·2	24th	299·7	*299·5*	- 0·1	150	+22
727	São Vicente, C. Verde Is.	16 54	25 4	11	1013·3	1014·5	+ 0·4	299·7	301·5	29th	296·2	295·0	8th	298·0	*298·3*	+ 0·9	0	- 6
727	ǂSan Tiago, C. Verde Is.	14 54	23 31	34	?1009·7	?1013·6	- 1·0	302·0	305·5	12th	296·9	295·2	20th	299·5	*299·7*	+ 0·7	0	- 9
728	Dakar	14 40	17 28	32	..	1012·6	..	305·4	308·0	15th	297·8	294·0	26th	301·6	*300·8*	+ 0·6	111	+24
728	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·6	304·7	15th	297·9	294·1	9th	300·2	*300·4*	+ 0·6	180	..
728	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
728	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
729	Sokoto	13 2	E. 5 14	353	..	..	..	307·9	311·3	16th	296·2	293·6	7th,30th	302·1	*301·4*	+ 1·5	69	-91
729	Kaduna Capital	10 32	7 25	?637	..	..	..	301·8	304·7	14th	291·9	290·2	5th,17th	296·8	*296·2*	+ 0·3	342	+72
729	Hadeija	12 40	10 5	?	..	..	..	308·3	323·0	2nd	..	..	..	..	‡*300·4*	0·0	94	-49
729	Maiduguri	11 47	13 11	361	..	..	..	308·4	312·4	3,13,26	295·7	292·4	20th	302·1	*301·5*	+ 0·7	196	+29
729	Kl Fasher	13 32	25 18	730	927·1	1006·0	..	309·9	313·0	2nd,23rd	294·4	290·5	11th	302·2	*300·6*	+ 0·7	141	+38
729	El Obeid	13 11	30 14	563	946·7	1009·4	+ 1·4	..	..	..	..	..	..	..	..	..	123	+34
729	Khartoum	15 37	32 33	390	984·7	1007·6	+ 0·3	313·2	316·2	2nd	299·5	296·0	29th	306·4	*306·1*	+ 1·2	42	- 5
729	Port Sudan	19 37	37 13	5·5	1004·0	1004·7	0·0	314·3	320·1	24th	299·9	298·0	21st	307·1	*306·4*	- 0·2	0	- 6
729	Berbera, Somaliland	10 22	45 2	13·8	1001·8	1003·3	- 1·1	314·8	316·9	26th	304·2	301·9	5th	309·5	*308·9*	+ 0·1	0	- 2
729	Aden	12 45	45 3	28·7	1000·8	1004·0	+ 0·1	307·6	311·5	18th	301·8	296·9	29th	304·7	*304·6*	+ 0·6	0	- 1
730	Bombay	18 54	72 49	11·3	1003·6	1004·9	+ 0·2	302·8	305·1	9th	298·0	296·8	13th	300·4	300·3	0·0	786	+169
730	Kodaikanal	10 14	77 28	2343	769·4	..	+ 0·6	291·5	294·8	1st	284·3	283·1	28th	287·9	*286·9*	+ 0·7	70	-57
730	Bangalore	12 59	77 38	921	907·6	1007·6	+ 0·6	301·0	305·4	8th	292·2	290·9	11th	296·6	*295·5*	+ 0·3	183	+76
730	Madras	13 4	80 14	6·7	1005·0	1005·7	- 0·2	308·8	312·5	4th	299·7	296·7	15th	304·3	*303·4*	+ 0·6	77	-23
730	Vizagapatam	17 42	83 19	11·6	1000·9	1002·2	+ 0·1	303·6	308·9	31st	299·2	296·9	19th	301·4	*300·6*	- 1·0	227	+113
730	Port Blair	11 40	92 40	18·0	1005·1	1007·1	- 0·3	302·6	303·9	28th	298·5	296·1	17th	300·5	*299·7*	+ 0·1	406	+ 19
730	Rangoon	16 46	95 48	5·5	1005·9	1006·6	- 0·1	302·6	305·3	6th	297·1	294·2	19th	299·8	*298·8*	- 0·1	751	+207
730	Cap St. Jacques	10 20	107 5	180	..	1008·2	..	302·2	304·5	10th,11th	296·3	293·8	22nd	299·2	*298·8*	- 0·2	169	-50
730	Bhatrang	12 15	109 12	3·6	..	1004·2	..	305·6	310·4	16th	297·4	295·8	24th	301·5	*301·0*	0·0	22	-26
730	Bolinao	16 23	119 53	2	..	1003·7	- 1·3	304·1	306·7	20th	297·1	294·4	14th	300·6	*300·4*	+ 0·5	788	+150
730	Vigan	17 34	120 23	12·2	..	1003·4	- 2·4	304·4	306·5	10th	297·8	295·4	7th	301·1	300·6	+ 0·3	345	-348
730	Manila	14 35	120 59	14·2	..	1004·8	- 2·0	304·8	308·0	10th	297·1	296·0	29th	300·9	300·2	+ 0·2	309	-107
730	Omoc	11 0	124 36	5·6	..	1005·8	- 1·3	304·3	306·4	7th	296·6	294·1	8th	300·5	*300·0*	+ 0·1	339	+51
730	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·2	- 1·4	303·5	305·2	21st	297·6	295·2	28th	300·5	*301·2*	+ 0·7	426	+60
730	Saipan	15 14	145 46	207	984·4	1004·5	..	301·6	303·3	29th	296·7	294·4	11th	299·1	299·1	..	407	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ǂChange of normals, see page 111.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
805	Fanning Island	3 54	159 23	5·3	1010·4	1011·0	+ 0·2	304·9	307·4	6th	..	..	..	..	‡302·7	+ 1·4	88	-128
821	Cristobal	9 23	79 23	11·0	..	1010·0	- 0·7	303·7	305·8	22nd	298·1	295·8	7th	300·9	300·4	+ 1·1	261	+141
822	Bogota	4 36	74 5	2645	747·1	..	..	291·3	295·4	30th	282·8	279·5	27th	287·0	286·6	..	57	+52
822	∮Merida, Venez.	8 36	71 9	1641	‡ 841·9	..	- 0·3	297·5	300·6	18th	288·2	286·5	15th	292·8	*291·7*	0·0	133	+73
823	Ciudad Bolivar	8 9	63 33	38	1008·6	1012·9	..	303·4	305·5	15th	296·5	294·5	8th	299·9	*299·4*	- 0·3	238	+98
824	El Peru, Guayanavieja	7 19	61 49	220	986·6	1011·6	- 0·1	301·6	302·9	2nd	294·8	293·1	8th	298·2	*297·7*	- 0·1	215	
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·4	- 0·1	302·5	303·0	sev.dates	297·1	294·7	8th	299·8	*299·4*	+ 0·2	23	-63
826	Paramaribo	5 49	55 9	3·7	..	1013·6	- 0·3	304·6	306·3	28th	295·9	294·5	3rd	300·3	*299·4*	+ 0·3	251	+98
826a	Cayenne	4 56	52 21	6	..	..	..	304·7	306·0	8th	295·1	294·0	16th	299·9	*299·3*	0·0	160	-18
831	10°-5°N. 30°-25°W.	††7 4	††27 8	§(97-121)	..	1015·2	+ 1·4	Sea Temp. 299·3|-0·1			..	..		..	299·0	0·0	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..		..	..		..			1626	+930
834	Freetown, Sierra Leone	8 29	13 14	68·3	1006·4	1014·3	+ 1·6	301·2	304·7	2nd	295·3	294·1	8,13,25	298·2	*297·6*	- 0·7	842	-26
835	Assuantsi	5 18	1 15	101	..	..	..	300·1	305·2	27th	294·0	290·8	29th	297·1	..	0·0	65	-28
836	Accra	5 33	W. 0 12	16·0	1012·4	1014·2	+ 0·3	300·3	303·7	4th	295·8	294·6	12th	298·1	*297·7*	0·0	14	
837	Lagos	6 27	E. 3 24	3·0	1012·3	1012·6	- 0·6	300·4	301·9	1st	296·4	294·1	6th	298·4	*298·0*	- 0·2	64	-207
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	301·5	304·1	..	294·8	293·0	..	298·2	*297·7*	..	424	+276
839	Yola	9 12	12 30	259	..	..	..	305·4	308·6	19th	294·6	293·0	14,22,26	300·0	*299·5*	+ 1·0	279	+151
841	Wau	7 42	28 3	440	..	..	..	..	..	..	293·9	292·0	5th,11th	..	*298·9*	+ 0·8	80	
843	∮Malakal (Kodok)	9 35	31 37	394	967·2	1011·4	+ 0·1	304·3	308·1	17th	293·6	291·0	2nd	299·0	*297·8*	+ 0·1	196	-43
843a	∮Mongalla	5 11	31 47	448	961·4	1011·6	+ 0·4	305·2	307·2	25th	293·9	292·0	1st	299·6	*297·7*	+ 0·2	96	-4
844	Entebbe	0 5	32 29	1171	886·2	1013·0	+ 0·9	297·9	300·2	22nd	289·3	286·9	1st	293·6	*293·4*	+ 0·3	76	-39
845	Sheikh	9 55	45 15	1463	..	..	..	302·1	304·7	18th	289·8	288·6	sev.dates	295·9	..	..	5	
851	Minicoy	8 17	72 49	2·1	1010·0	1010·2	+ 0·1	303·1	304·3	10th	298·4	295·9	5th	300·7	*299·9*	..	269	+40
851a	Cochin	9 58	76 21	2·7	1010·1	1010·6	+ 0·3	301·4	302·9	5th	296·9	295·6	2nd	299·2	*298·4*	+ 0·1	376	+30
852	∮Colombo Observatory	6 54	79 52	7·3	..	1009·2	+ 0·3	302·5	303·3	25th,31st	298·3	295·7	7th	300·4	*299·6*	+ 0·4	144	+57
853	∮Nuwara Kliya	6 58	80 46	1886	..	..	..	291·8	295·2	5th,29th	285·8	283·8	5th	288·8	*288·1*	+ 0·4	339	+ 1
854	∮Trincomalee	8 35	81 15	30·2	..	1005·9	+ 0·7	304·8	307·9	3rd	298·1	295·4	7th	301·4	*300·6*	- 0·8	54	
855	Kuta Raja	5 32	95 20	7·1	..	1008·2	- 1·0	..	..	..	..	..	..	..	..	..	86	-17
856	Medan	3 35	98 41	25·0	..	1008·2	- 0·7	305·1	306·9	15th	295·8	293·3	14th	300·5	299·9	+ 1·0	139	-37
857	Penang	5 34	100 20	5·0	..	..	..	306·9	307·4	12th	295·2	294·1	20th	301·1	*300·3*	+ 0·6	115	+47
858	Singapore	1 18	103 51	10·9	1008·2	1009·4	+ 0·3	303·8	305·7	24th	297·3	295·6	31st	300·6	*300·2*	+ 0·1	219	-39
859	Sandakan	5 50	118 7	31·7	..	..	..	304·2	305·8	20,22,26	296·8	295·8	8th,9th	300·5	*301·1*	- 0·2	102	+38
860	Iwahig	9 44	118 38	14·3	..	1005·6	- 1·2	303·8	306·3	15th	296·2	294·8	8th	300·0	*299·7*	+ 0·4	573	
861	Tagbilaran	9 38	123 51	21·3	..	1006·2	- 1·4	304·3	306·9	10th	297·3	296·1	29th	300·8	300·0	- 0·3	238	+51
861a	Menado	1 30	124 50	8·5	..	1007·3	- 1·2	304·1	306·4	26th	296·1	294·5	17th	300·1	299·6	+ 0·2	66	+ 8
862	Surigao	9 48	125 29	6·0	..	1006·4	- 1·1	303·8	306·3	12th	297·9	295·3	6th	300·9	300·6	+ 0·2	167	-34
863	Kolonie, Yap	9 29	138 8	29·3	..	1007·6	- 0·2	303·4	305·2	9th	297·6	296·0	29th	300·5	300·1	+ 0·3	421	..
864	Palau	7 20	134 29	31·8	1004·3	1007·9	..	302·8	304·7	5th	297·7	295·5	21st	300·3	300·0	..	615	..
867	Ponape	6 58	158 13	38·9	1003·5	1007·9	..	302·4	304·9	26th	296·3	294·2	30th,31st	299·3	299·2	..	469	..
		N.	E.															

JULY – ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
902	Atafu	8 32	172 31	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	304·5	306·6	16th	294·7	293·0	21st	299·6	*299·6*	..	182	+122
926	∮Taperinha	2 30	54 20	21·5	1010·8	1013·2	- 0·2	304·7	307·1	16th,17th	295·0	293·4	11th	299·8	*298·6*	+ 0·7	74	-25
927	Turyassu	1 43	45 28	9·1	1012·2	1013·2	+ 0·1	305·0	305·6	sev.dates	294·7	292·6	27th	299·8	*299·0*	+ 0·7	49	-132
928	Barra do Corda	5 30	45 16	81·0	1002·3	1011·8	- 0·8	307·0	308·7	20th	289·8	285·6	16th	298·4	*297·4*	+ 0·4	4	-65
929	∮Quixeramobim	5 16	39 15	207	991·4	1014·7	+ 0·4	303·2	304·8	24th	296·3	295·0	7th	299·8	*299·9*	+ 0·6	37	
930	Fernando Noronha	3 50	32 25	106	1003·4	1015·5	+ 0·7	299·4	300·7	2nd	296·6	294·6	10th	298·0	*298·0*	+ 0·1		
930a	5°-10°S. 35°-30°W.	††7 3	††33 13	§(29-30)	..	1016·3	..	..	..	Sea Temp. 299·1|+0·1	..	..	..	..	299·0	..	..	-30
934	Ascension Island	7 55	W. 14 24	16·8	1015·7	1017·5	+ 0·8	300·8	301·9	5,18,26	295·3	293·6	13th,27th	298·1	*297·8*	+ 0·2	2	0
939	Loanda	8 49	E. 13 13	51	..	1015·7	0·0	296·5	299·8	5th	291·5	288·9	31st	294·0	293·7	+ 0·9	0	..
940	Brazzaville	4 17	15 18	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	71280	..	..	..	300·1	303·0	23rd	287·5	285·2	4th	293·8	..	..	34	-8
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	296·3	299·7	30th	281·3	277·4	5th	288·8	..	..	0	-46
944a	Zanzibar	6 10	39 11	17·1	1017·5	1019·5	+ 0·9	300·1	301·3	29th	295·5	294·7	1st	297·8	*297·1*	0·0	8	-36
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	301·3	8th	296·3	294·1	2nd,3rd	298·3	*298·0*	- 0·6	106	-33
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·9	- 0·6	300·0	301·2	20th	296·4	294·3	20th	298·2	*297·5*	- 0·4		-27
957	Padang	0 56	100 22	6·7	..	1010·9	+ 0·5	302·9	304·9	27th	296·2	294·7	11th	299·5	299·0	- 0·3	865	+111
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	- 0·2	303·8	304·9	2nd	296·1	294·3	30th	300·0	299·5	+ 0·6	27	-96
958a	Pontianak	0 1	109 20	2·6	..	1008·8	- 0·8	305·2	306·8	23rd	296·3	295·0	16th	300·7	300·0	+ 0·1	282	+112
959	Pasuruan	7 38	112 55	5·0	..	1010·4	- 0·3	304·6	306·0	26th	293·9	290·4	15th	299·3	299·3	+ 0·6	0	-44
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	-44
962	Amboina	3 42	128 10	4·2	..	1009·6	- 0·9	299·9	301·8	30th	296·6	294·4	16th	298·3	298·1	+ 0·3	147	-168
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	82	-76
965	Daru	9 4	143 13	7·6	..	1012·9	+ 1·5	301·3	..	..	295·8	..	..	..	..	..	24	-38
966	Port Moresby	9 29	147 9	38·4	..	1013·3	+ 1·8	300·3	..	..	295·1	..	..	298·6	*298·2*	+ 0·4	3	
967	Rabaul	4 9	152 12	12·5	1006·7	1008·2	- 0·9	303·8	306·9	26th	296·1	294·9	13th,21st	300·0	*299·5*	0·0	126	-170
969	Tulagi, Brit.Solomon Is.	9 6	160 10	2·1	..	..	..	303·3	304·7	4,26,27	298·1	296·9	9,12,19	300·7	*300·5*	+ 0·6	103	-36
970	Ocean Island	0 52	169 35	42·6	1004·2	1009·0	- 1·0	305·2	306·3	26th,29th	298·9	298·0	2,18,22	302·1	*301·5*	+ 1·3	66	
		S.	E.															

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of observations. §Number of observations. ∮Change of normals, see page 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·4	- 1·4	301·1	303·2	4th,29th	295·5	292·9	26th	298·3	298·3	- 0·3	223	+147
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1014·2	- 1·1	298·7	301·9	24th	291·3	287·4	26th	295·0	*294·8*	- 1·1	195	+116
1021	Lima	12 5	77 3	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Tacna	18 0	70 18	560	..	..	..	298·4	300·0	sev.dates	281·3	278·0	21st	289·9	*286·5*	+ 0·2	0	- 3
1025	Corumba	18 59	57 39	116	1002·3	1015·8	+ 0·8	300·8	306·6	26th	288·6	278·2	31st	294·7	*294·0*	+ 0·2	80	+66
1027	Cuyaba	15 36	56 6	165	995·9	1015·1	+ 0·9	303·4	308·3	19th	287·9	283·2	30th,31st	295·6	*294·4*	- 1·8	92	+86
1045	Castite	19 55	43 57	895	919·0	1019·2	+ 0·6	297·5	300·8	1st,3rd	285·1	278·2	26th	291·3	*290·3*	+ 1·6	11	+ 1
1050	Ondina (Bahia)	14 3	42 37	897	919·4	1019·1	+ 0·7	298·0	302·5	29th	286·5	282·8	28th	292·2	*292·4*	0·0	10	0
1050a	Aracaju	13 0	38 31	46·6	1012·7	1018·2	+ 0·3	299·4	301·5	30th	293·8	291·9	27th	296·6	*296·4*	0·0	72	-118
1050b	15°-20°S. 40°-35°W.	††17 12	††37 51	§(35-38)	..	1019·5	..	..	..	Sea Temp. 297·4|+0·3	..	..	..	..	297·1	..	1626	..
1050c	10°-15°S. 40°-35°W.	††12 57	††36 29	§(31-32)	..	1015·0	..	..	..	298·7|+0·9	..	..	..	..	..	..	65	-26
1056	St. Helena	15 57	W. 5 40	579	951·0	1018·5	+ 2·3	290·1	292·4	1st	285·6	283·0	17th	287·8	*287·8*	+ 0·1	52	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	913·1	1022·9	..	297·5	300·7	13th	279·1	275·8	29th	288·3	..	..	0	..
1041a	Elisabethville	11 39	27 28	1236	881·9	1018·1	+ 2·0	..	..	..	..	..	..	..	..	..	0	..
1042	Gwelo	19 26	30 2	1411	..	..	..	293·6	297·4	16,17,29	275·8	271·3	28th	284·7	..	- 1·4	1	0
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	858·8	1023·3	+ 0·8	293·9	297·6	15th	277·5	274·6	1st,26th	285·7	284·9	- 0·7	0	- 1
1044	Zomba	15 23	35 18	955	913·7	1021·5	+ 2·0	294·3	297·4	12,28,29	283·8	281·3	30th,31st	289·1	*288·7*	- 0·6	1	- 8
1045	Mossuril	14 57	40 40	15	..	1020·1	..	300·2	302·2	27th	289·6	286·2	8th	294·9	294·9	..	1	..
1046	Antananarivo	18 55	47 33	1375	869·0	1020·8	+ 0·2	292·7	296·4	30th	281·7	276·3	1st	287·2	286·6	+ 0·3	13	+ 7
1047	Cocos, Keeling Is.	12 5	96 53	4·6	1013·8	1014·5	+ 0·3	301·4	304·8	23rd	297·2	294·8	24th	299·3	*298·8*	+ 0·3	59	-192
	Christmas Island	10 25	105 43	5·5	1009·4	1010·0	+ 0·4	303·2	304·7	6th,14th	295·7	294·1	13th,18th	299·5	*298·7*	0·0	63	-54
1048	Kupang	10 10	123 34	45·1	..	1011·6	- 0·3	304·0	305·5	25th	294·1	291·0	28th	299·1	298·4	+ 0·2	7	+ 2
1049	∮Derby	17 18	123 40	16·2	1013·2	1015·1	- 0·1	302·6	305·8	22nd	287·3	282·7	1st,2nd	295·0	..	+ 0·1	0	- 4
1049a	∮Hall's Creek	18 13	127 46	373	973·4	1015·7	- 1·2	300·4	304·7	22nd	281·9	274·9	1st	291·2	*290·5*	+ 0·3	0	- 5
1049b	∮Darwin	12 28	130 51	29·6	1009·3	1012·7	+ 0·1	303·3	304·8	7th	292·7	288·4	2nd	298·0	*296·8*	- 0·2	2	+ 1
1049c	∮Daly Waters	16 16	133 23	211	989·8	1013·9	- 1·0	302·8	306·3	19,20,22	286·2	278·0	1st	294·5	*293·8*	+ 1·1	0	- 1
1049d	∮Normanton	17 40	141 4	6·1	1007·2	1011·2	+ 0·1	304·1	305·6	1st	289·4	283·0	9th	296·8	..	+ 0·1	0	- 1
1049e	∮Georgetown, Queensland	18 22	143 32	302	981·1	1015·9	+ 0·1	301·6	304·7	21st	283·7	275·2	28th	292·7	..	0·0	0	+ 7
1049f	Willis Island	16 18	149 59	8·5	1012·5	1013·6	..	298·5	299·9	4th	294·4	292·9	10th	296·4	*296·5*	..	26	..
1076	Samarai	10 37	150 40	6·1	..	1012·5	+ 0·7	301·7	..	..	295·8	..	..	298·7	*298·5*	+ 0·5	114	-101
1077	Suva, Fiji	18 8	178 26	6·1	1011·7	1012·4	- 1·5	299·1	302·4	3rd,30th	292·9	289·7	24th	296·0	*295·8*	0·0	141	+16
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S. JULY – ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1058	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	297·1	299·7	23rd,25th	290·6	287·4	2,8,9	293·8	*293·6*	- 0·7	148	+36
1061	Punta Tortuga, Coquimbo	29 56	71 21	27	1014·3	1017·6	- 0·1	288·2	290·6	1st,28th	282·8	280·0	29th	285·5	*285·5*	+ 0·7	48	+20
1062	Iquique	20 12	70 11	6	1015·2	1015·9	- 0·6	290·6	292·4	3rd	..	..	..	..	*287·7*	- 1·2	3	+ 2
1063	Catamarca	28 27	65 47	510	956·5	1016·4	0·0	292·1	301·5	6th	277·1	269·1	30th	284·6	*284·4*	- 0·5	3	- 1
1064	Salta	24 46	65 28	1182	883·5	1016·5	+ 0·6	292·5	303·1	9th	276·1	267·7	31st	284·3	283·7	- 1·0	6	+ 5
1065	Goya	29 9	59 15	37	1014·9	1019·4	+ 2·4	293·0	302·5	11th	282·2	273·5	30th	287·6	*287·1*	0·0	79	+35
1067	Asuncion	25 17	57 41	93	1009·0	1020·1	+ 3·7	294·4	302·3	11th	284·9	276·1	22nd	289·6	*289·1*	- 2·3	22	-38
1068	Curityba	25 25	49 17	908	918·8	1022·2	+ 1·1	291·4	296·4	19th	281·2	273·5	31st	286·3	*285·5*	+ 0·3	130	+65
1069	Rio de Janeiro	22 54	43 10	18·3	1018·8	1021·0	+ 1·0	298·1	305·6	2nd	290·8	286·3	25th	294·4	293·6	+ 0·8	77	+34
1069a	25°-30°S. 50°-45°W.	††27 29	††47 37	§(37-40)	..	1019·6	..	..	..	Sea Temp. 292·0|+0·1	..	..	..	..	292·3	..	..	..
1038	Windhoek	22 34	W. E. 17 6	1727	835·1	1022·5	..	293·1	296·5	18th	279·4	275·6	26th	286·2	*285·3*	0·0	0	- 1
1040	O'Okiep	29 36	17 52	933	916·3	1022·9	+ 1·0	292·2	297·4	18th	280·9	275·2	9th	286·6	*285·8*	+ 1·8	5	-15
1040a	Kimberley	28 44	24 46	1218	..	..	..	293·7	297·4	17th,21st	278·4	273·6	29th	285·1	*284·3*	+ 1·7	0	- 7
1040b	Johannesburg	26 11	28 4	1806	829·6	1028·4	+ 1·5	289·8	293·6	17th	278·3	271·8	24th	284·1	*283·6*	+ 0·9	0	- 8
1043	Bulawayo	20 9	28 36	1349	874·6	1025·0	+ 0·8	292·8	296·9	15th	278·9	273·9	27th,28th	285·8	*285·4*	- 1·0	1	0
1044	Durban	29 52	31 3	15·2	1023·9	1025·7	+ 1·8	295·2	297·4	11th	286·0	283·6	25th	290·6	*290·1*	+ 0·3	10	-21
1047	Lourenco Marques	25 58	32 36	59·0	..	1025·7	+ 2·9	296·8	302·6	11th	285·5	282·7	29th	291·1	290·4	- 0·7	16	+ 2
	Mauritius	20 6	57 33	55·2	1013·9	1020·4	0·0	296·6	299·3	17th	290·5	285·9	14th	293·5	293·1	+ 0·2	55	- 8
		S.	E.															

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 113.

JULY - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean °	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1014·3	1014·8	- 1·6	297·6	303·1	30th	284·0	280·8	21st	290·8	..	- 0·1	4	-17
1160	∮Cue	27 27	117 52	454	966·1	1018·6	- 0·5	291·6	299·6	29th	279·5	276·0	10th	285·6	..	0·0	32	+ 8
1161	∮Nullagine	21 53	120 5	386	..	..	..	297·4	302·9	9th	277·9	271·0	26th	287·7	..	- 0·6	2	-20
1162	∮Laverton	28 40	122 23	466	964·8	1019·0	- 1·5	292·4	300·8	9th	277·5	272·4	15th	285·0	*284·9*	+ 0·6	10	- 4
1163	∮Alice Springs	23 38	133 37	587	951·4	1018·1	- 0·2	293·6	301·3	18th	276·9	269·1	7th	285·2	*284·9*	+ 0·7	2	- 7
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	+ 0·7	..	..
1164a	∮Boulia	22 55	139 38	146	999·2	1016·3	- 1·2	295·7	304·7	19th	281·7	275·9	26th	288·7	*288·4*	+ 0·5	3	- 8
1165	∮Thargomindah	27 58	143 43	123	1003·6	1018·3	- 1·1	292·1	298·1	12th	279·1	273·7	17th	285·6	*285·3*	+ 0·4	3	-15
1166	∮Mitchell	26 32	147 52	336	979·8	1019·0	- 0·2	291·6	297·4	15th	278·6	270·2	8th	284·1	..	+ 0·2	20	- 2
1167	∮Rockhampton	23 24	150 30	11·3	1016·7	1018·0	- 0·1	296·1	299·7	5th,15th	283·7	277·0	31st	289·9	..	0·0	8	-27
1168	∮Brisbane	27 28	153 2	41·8	1013·7	1018·3	0·0	293·7	296·1	20th	282·4	278·8	18th	288·1	*287·2*	+ 0·4	160	-38
1170	Norfolk Island	29 4	167 59	14·9	1015·0	1016·9	- 0·2	291·0	293·6	29th	..	..	..	..	..	..	20	- 2
		S.	E.															

JULY - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	977·5	1018·7	..	286·1	289·7	21st	281·6	277·0	11th	283·9	*283·4*	..	321	..
1221a	Punta Tumbes	36 37	73 6	120	1002·4	1017·0	- 0·2	286·7	290·2	20th	281·2	275·5	13th	283·9	*283·7*	+ 0·7	117	+33
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1013·2	1018·2	+ 0·4	288·3	295·3	20th	281·8	278·2	13th,14th	285·1	*284·9*	+ 0·6	119	+35
1222a	∮Santiago	32 27	70 42	520	956·7	1018·4	- 0·1	288·9	299·0	20th	278·7	271·1	28th	282·8	*281·7*	+ 0·8	36	0
1223	Cordoba	31 25	64 12	423	967·4	1017·5	+ 0·5	291·7	303·1	9th	277·2	268·0	30th	284·5	283·7	+ 0·5	8	-16
1224	Bahia Blanca	38 45	62 15	25	1014·1	1017·2	+ 0·7	287·8	294·9	6th	276·3	266·4	20th	282·0	*282·0*	+ 0·9	1	-24
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1016·9	1019·9	+ 1·2	288·9	298·6	11th	279·9	270·2	30th	284·4	283·8	+ 1·0	42	+21
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1020·1	+ 2·5	..	298·5	11th	..	274·5	31st	..	*284·9*	+ 0·6	88	+21
1226a	Porto Alegre	30 2	51 13	23·5	1018·3	1021·1	+ 1·3	292·4	303·2	12th	282·9	271·7	31st	287·7	287·3	+ 0·8	126	+33
1226b	30°-35°S. 55°-50°W.	††32 56	††51 50	§(30-34)	..	1018·8	..	..	..	Sea Temp. 286·7	-0·2	..	..	..	287·3	..	..	..
1239	Cape Town	33 56	E. 18 29	12·2	1021·3	1022·8	+ 1·7	291·1	301·8	24th	282·9	275·5	9th	287·0	*285·7*	+ 1·4	39	-33
1240	Danger Point	34 37	19 18	27·7	1019·3	1022·7	+ 2·5	290·2	298·6	3rd	282·5	278·6	8th	286·3	..	+ 0·2	8	-26
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·6	302·4	25th	278·3	271·9	8th	286·4	..	+ 1·3	8	-26
1242	East London	33 2	27 55	44·8	1018·2	1023·6	+ 2·6	294·8	304·7	13th	283·7	280·1	23rd	289·3	..	+ 1·2	41	+12
1259	∮Perth (Observatory)	31 57	115 51	60·0	1010·3	1017·4	- 1·5	290·2	294·6	25th	282·0	277·3	12th	286·1	*286·2*	+ 0·2	302	+32
1260	∮Katanning	33 42	117 35	310	979·0	1016·0	- 1·9	287·3	291·9	6th	278·6	274·7	15th	283·0	..	+ 0·2	102	+28
1261	∮Coolgardie	30 57	121 10	423	967·9	1018·4	- 1·1	289·8	296·3	6th	277·6	272·4	15th	283·7	*283·6*	0·0	24	+ 1
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	∮Streaky Bay	32 48	134 13	13·1	1015·9	1017·5	- 2·4	289·8	293·8	9th	281·3	275·2	13th	285·6	*285·4*	+ 0·8	77	+ 4
1264	∮Adelaide	34 56	138 35	42·7	1011·9	1017·1	- 3·1	288·8	294·3	8th	280·7	275·4	27th	284·8	*284·7*	+ 0·7	71	- 2
1265	∮Melbourne	37 49	144 58	36·1	1012·2	1016·4	- 2·5	286·9	290·2	7th	278·9	273·0	26th	282·9	*282·7*	+ 0·6	17	- 6
1266	∮Bourke	30 13	145 58	110	1008·2	1021·5	+ 0·1	291·1	298·0	11th	278·4	273·0	9th	284·7	..	+ 0·5	26	+ 4
1267	∮Sydney	33 51	151 13	42·1	1011·8	1016·9	- 1·3	290·3	296·0	11th	281·8	278·0	31st	286·1	*285·3*	+ 1·5	169	+45
1268	Lord Howe Island	31 20	159 0	4·9	1015·7	1016·2	- 0·7	291·7	294·4	11th	287·1	281·1	25th	289·4	..	+ 0·5	158	+48
1271	Auckland	36 50	174 50	13·4	..	1014·6	+ 0·1	288·9	289·1	13th	282·0	277·4	17th,18th	284·4	..	+ 0·5	217	+46
1272	Napier	39 29	176 55	1·5	..	..	..	286·2	291·3	10th	279·0	273·8	3rd	282·6	..	+ 0·2	37	- 2
		S.	E.															

JULY - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	997·2	1014·3	0·0	281·5	284·2	1st	276·9	273·3	27th	279·2	*279·9*	- 0·8	273	+36
1322	Punta Galera	40 1	73 44	40	1011·9	1016·8	+ 1·3	284·0	286·2	5th	280·6	275·4	19th	282·3	*282·3*	+ 0·5	407	+45
1323	Sarmiento	45 34	69 0	272	978·4	1011·9	- 1·3	280·5	289·1	14th	272·0	263·9	1st	276·2	275·9	- 0·1	24	+ 1
1324	Puerto Madryn	42 49	W. 64 58	14	1011·6	1013·6	- 0·1	286·5	294·6	15th	273·6	265·5	13th	280·1	281·3	+ 1·2	6	-10
1365	∮Launceston	41 27	E.147 10	10·1	1011·0	1012·2	- 2·4	286·0	288·6	15th	277·8	272·9	22nd	281·9	*281·5*	+ 1·6	93	-22
1366	∮Hobart	42 53	147 20	53·9	1004·2	1010·8	- 2·7	285·7	288·9	8th	279·1	274·8	28th	282·4	*282·0*	+ 1·7	44	-25
1370	Invercargill	46 25	168 21	3·7	..	..	..	284·1	290·8	5th	275·7	270·8	26th	279·9	..	+ 1·5	91	+ 6
1371	Dunedin	45 52	170 31	6·1	..	1013·8	- 0·2	283·2	288·6	4th	277·5	273·0	29th	280·3	..	+ 1·5	35	-31
1371a	Christchurch	43 31	172 39	7·6	..	1014·0	+ 1·2	284·5	291·1	4th	276·7	270·9	29th	280·6	..	+ 1·7	12	-54
1372	Wellington	41 16	174 46	128	..	1014·9	+ 1·6	285·0	288·1	22nd	279·0	275·8	7th	282·0	281·8	+ 0·1	88	-38
		S.	E.															

JULY - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	995·8	1002·6	+ 0·7	278·4	281·8	23rd	274·6	271·0	27th	276·5	*277·0*	+ 0·1	290	+46
1422	Magallanes (Punta Arenas)	53 10	70 54	28	999·1	1002·6	- 0·6	277·0	281·8	24th	272·4	269·0	10th	274·7	*275·0*	+ 0·5	34	-19
1423	Punta Dungeness	52 24	68 28	5	1001·0	1001·6	- 1·4	277·0	281·1	24th	272·9	268·9	12th	274·9	*275·2*	- 0·3	11	- 7
1424	Santa Cruz	50 1	68 31	12	1003·9	1005·4	- 1·2	278·2	286·0	25th	270·9	265·0	20th	274·5	274·6	- 0·1	7	-18
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1001·6	- 2·1	278·1	282·4	25th	271·4	268·0	11,12,28	274·7	..	- 0·3	35	..
1426	Cape Pembroke	51 41	57 42	21·3	1000·0	1002·6	- 0·4	277·7	281·9	24th	273·0	270·2	10th,29th	275·3	275·5	- 0·1	58	-36
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	1000·2	1000·7	+ 2·9	273·2	281·4	27th	267·3	260·8	1st	270·3	*270·3*	- 0·9		
		S.	W.															

JULY - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	7	995·2	996·0	+ 1·5	265·6	274·6	25th	255·4	240·1	1st	260·5	261·4	- 0·9	20	-20
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, AUGUST 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF AUGUST, 1928
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. AUGUST - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean °	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
105	Barrow	71 23	156 17	7·0	..	1010·5	- 1·3	280·1	288·0	30th	272·8	269·7	19th	276·4	..	- 0·6	10	-11
126	Upernivik	72 47	56 7	19·2	1009·2	1011·5	+ 0·3	?283·2	?288·0	20th	277·4	273·0	2nd,3rd	?280·3	*280·8*	+ 2·9	22	- 6
128	Myggbukta	73 30	21 30	3·2	..	1018·3	..	..	283·0	9th	..	270·9	6th	..	*275·5*	..	19	..
135	Scoresbysund	70 29	21 58	16·9	1015·1	1017·2	..	280·2	284·8	8th	272·8	270·0	25th	276·5	*276·1*	..	1	..
136	Jan Mayen	70 59	W. 8 18	23·1	1014·9	1017·7	+ 5·9	..	282·0	7th	276·2	272·6	1st	..	*277·7*	- 1·0	16	-10
140	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1014·7	1016·0	+ 3·8	..	284·9	1st	276·1	273·1	30th	..	277·9	+ 0·4	7	-15
141	Björnöen	74 28	19 17	40·5	1009·4	1014·5	+ 2·7	..	287·0	14th	274·9	272·9	24th	..	*276·7*	- 0·6	31	+ 4
142	Ingøy	71 4	24 6	** 4·3	‡1010·6	1011·5	+ 0·8	..	284·3	14th	280·7	275·8	24th	..	*283·0*	+ 0·3	21	-20
	Sletnes	71 5	28 14	10·2	1011·8	1013·0	+ 2·5	..	294·6	15th	279·8	276·0	23rd	..	*282·4*	..	22	..
143	Vardö	70 22	31 8	11·8	1011·7	1013·1	+ 1·7	..	292·6	15th	280·0	274·3	24th	..	*282·5*	+ 0·7	8	-41
147	Malye Karmakouly	72 23	52 43	15·3	1011·9	1013·7	+ 1·4	284·1	294·9	9th	278·8	275·0	8th	281·4	*281·1*	+ 2·1	26	-16
148	Waigatz	70 24	58 47	11·2	1011·5	1012·9	+ 2·2	..	..	..	275·6	271·6	5th	..	*278·4*	+ 1·2	46	+16
153	Dickson	73 31	80 23	13·0	1011·8	1013·4	+ 4·5	..	..	..	278·3	274·2	5th	..	*280·3*	+ 2·4	38	+ 1
162	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. AUGUST - ZONE 2.

201	Frecbrajenye	N.	W.															
203	Nome	64 52	175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204	Bethel	64 30	165 24	6·7	1007·1	1008·1	- 0·5	285·1	290·2	6th	278·3	271·9	9th,10th	281·7	*282·1*	- 1·2	97	+17
205	Tanana	60 45	161 47	11·6	..	1008·4	..	286·4	291·3	10th	279·3	274·1	3rd	282·9	..	..	106	..
206	Rampart	65 10	152 6	69·5	1002·6	1010·5	0·0	290·4	300·8	24th	279·0	271·9	18th	284·7	*284·7*	- 0·3	57	+ 3
		65 30	150 15	114	..	..	..	291·1	303·6	24th	277·7	271·3	9,16,27	284·4	..	- 1·7	35	- 2
207	Valdez	61 7	146 16	122	..	..	..	286·4	291·9	10th	280·4	275·2	31st	283·4	..	..	235	..
208	Eagle	64 46	141 12	248	980·2	1010·5	+ 0·1	289·5	297·4	25th	277·5	271·9	17,18,31	283·5	*284·4*	- 1·3	64	+15
210	Dawson	64 4	139 29	324	972·8	1011·1	+ 0·4	291·9	300·2	24th	278·6	272·4	18th,31st	285·2	*284·9*	- 0·2	51	+15
211	Mayo Landing	63 35	135 51	579	953·1	1021·3	..	291·9	303·0	24th	276·3	266·3	19th	284·1	*284·1*	..	17	..
212	Fort Good Hope	66 25	128 53	65·2	1005·4	1013·3	- 0·9	290·8	297·4	23rd,26th	278·0	267·4	21st	284·4	..	- 0·2	39	+21
	Fort Simpson	61 52	121 35	129	998·5	1014·1	+ 3·0	291·9	298·0	26th	278·0	269·7	22nd	284·9	..	..	28	- 9
215	Hay River	60 51	115 20	161	990·4	1009·7	- 0·1	289·7	298·6	10th	278·6	266·3	2nd	284·1	..	- 2·7	29	-15
216	Jacobshavn	69 13	51 2	31·6	1004·4	1008·3	- 2·1	285·2	292·1	20th	278·6	276·0	17th	281·9	*282·1*	+ 2·5	39	+ 3
217	Godthaab	64 10	51 43	20	..	..	..	285·8	290·6	19th	278·9	276·2	27th	282·3	*281·5*	+ 2·3	51	-28
218	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
219	Angmagsalik	65 37	37 33	29·3	1010·6	1014·2	+ 2·0	284·4	291·0	11th	276·4	272·2	28th	280·4	*279·9*	+ 1·0	34	-26
221	Stykkisholm	65 5	22 46	25	..	1011·5	+ 1·7	288·5	293·4	17th	281·0	275·9	28th	284·7	*284·2*	+ 2·0	26	-15
223	Vestmanno	63 24	20 17	132	..	1011·2	+ 2·2	286·1	289·7	1st	281·6	278·6	28th	283·9	*283·1*	+ 0·6	121	+43
224a	Grimsey	66 33	18 1	22·0	..	1013·0	+ 2·3	283·9	290·6	18th	278·6	275·2	29th	281·3	*280·6*	+ 0·8	20	-12
224	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
226	Teigarhorn	64 41	14 22	18·0	..	1013·4	+ 3·9	286·4	290·1	18th	279·3	274·3	27th	282·9	*282·3*	+ 0·9	125	+45
228	Djúvig	62 3	6 45	22·9	1009·5	1012·3	+ 2·4	284·4	288·9	4th	280·6	277·0	1st	282·5	*282·6*	- 1·0	85	- 7
	Lerwick	60 8	W. 1 11	18·0	..	1009·8	0·0	286·1	289·1	6th,7th	282·7	279·1	1st,30th	284·4	*284·6*	- 0·2	77	+ 1
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1004·4	1009·7	- 0·3	290·3	294·6	21st	283·4	280·3	1st	286·9	*286·2*	- 0·4	144	-15
238	Aalesund	62 28	6 10	6·3	1009·5	1010·3	- 0·1	..	290·0	21st	283·4	280·3	31st	..	*285·2*	- 0·6	83	-29
240	Trondhjem	63 26	10 25	59·2	1003·3	1010·4	+ 1·0	289·2	296·8	21st	281·2	276·1	25th	285·2	*285·2*	- 0·8	58	-18
241	Bodö	67 17	14 2	22·3	1008·8	1011·5	+ 1·6	..	296·8	20th	282·4	276·3	30th	..	*285·2*	+ 0·1	35	-42
242	Haparanda	65 50	24 9	9·2	1009·0	1010·1	- 0·1	290·9	299·5	20th	282·4	274·0	24th	286·7	*286·2*	+ 0·4	56	+ 2
242a	Helsingfors	60 10	24 57	11·7	1006·7	1008·1	- 2·1	290·9	295·0	21st	284·7	281·4	29th	287·8	*287·6*	- 0·7	112	+36
	Kuopio	62 55	27 40	233	981·8	1009·4	- 0·8	289·8	297·0	18th	283·3	277·5	28th	286·5	*286·2*	- 0·6	85	+12
243	Kola	68 53	33 1	6·7	1011·5	1012·3	+ 1·8	289·0	300·5	15th	279·9	273·1	28th	284·4	*284·5*	+ 0·7	22	-22
244	Petrozavodsk	61 47	34 23	79·0	999·1	1008·5	- 3·1	290·9	298·3	16th	282·8	275·6	26th	286·8	*286·9*	- 0·2	94	+12
246	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Mezen	65 50	44 16	14·9	1008·8	1010·6	+ 0·4	289·6	300·2	13th	280·7	273·4	26th	285·2	*285·2*	+ 1·0	29	-22
248	Oust-Tsylma	65 25	52 18	68	1001·9	1010·1	- 0·6	290·6	300·5	13th	282·3	273·7	23rd	286·4	*285·9*	+ 1·4	40	-22
249	Tchardyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Obdorsk	66 31	66 35	35·2	1009·0	1013·2	+ 2·2	289·2	300·0	12th	282·8	274·9	29th	286·0	*286·1*	+ 2·1	47	- 4
252	New Port	67 42	72 57	3·3	..	..	..	288·9	298·1	12th	281·6	270·9	7th	285·2	*285·9*	..	28	..
253	Sourgout	61 15	73 24	48	1004·4	1010·1	+ 1·6	..	..	..	..	..	..	..	*288·6*	+ 1·8	65	+ 3
254	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Touroukhansk	65 47	87 57	45·0	1006·4	1011·8	+ 1·9	..	..	..	..	..	..	..	*288·0*	+ 2·7	27	-29
255	Villouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
256	Iakoutsk	62 1	129 43	108	999·1	1011·8	+ 4·3	..	..	..	..	..	..	..	*289·3*	+ 1·5	14	-35
257	Verkholansk	67 33	133 24	100	994·7	1006·6	- 0·9	..	..	..	..	..	..	..	*285·1*	+ 1·5	27	+ 3
264	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
269	Malakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	22·7	1007·1	1009·8	- 0·8	..	..	..	..	..	..	..	*282·8*	- 0·1	65	+27
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
**Height changed from 7·5m. to 4·3m. from August 1st. ∮Change of normals, see page 105.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	1011·8	+ 3·7	281·9	283·6	2,26,31	278·4	276·9	26th	280·1	..	- 1·0	63	-35
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1010·9	1011·5	+ 1·7	286·6	290·6	18th	279·5	274·1	30th,31st	283·1	*282·9*	- 0·7	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	284·7	289·1	3rd,16th	278·4	270·2	31st	281·6	..	..	66	+44
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	277·9	270·2	29th	..	..	..	142	..
306	Kodiak (Radio)	57 47	152 22	4·6	1006·8	1007·4	- 3·3	289·2	295·2	16th	280·6	275·2	13th	284·9	*284·4*	- 0·3	..	..
309	Sitka	57 3	135 19	19·8	..	..	..	288·8	293·0	19th	280·9	275·2	31st	284·9	..	- 1·2	186	+ 3
310	Prince Rupert	54 18	130 18	51·8	1013·3	1019·5	+ 2·3	290·8	298·9	31st	282·4	280·2	14th	286·6	*286·5*	- 0·2	86	-46
311	Barkerville	53 2	121 35	1274	871·2	1013·8	+ 1·1	289·7	295·2	9th,31st	277·4	271·9	13th	283·6	*283·3*	- 1·3	75	- 5
312	♯Kamloops	50 41	120 29	385	971·3	1015·6	- 0·7	299·8	306·9	9th	285·4	278·6	14th	292·6	*292·8*	- 0·4	13	-58
313	Calgary	51 2	114 2	1058	895·7	1014·3	+ 2·6	295·2	305·2	10th	280·2	273·0	28th	287·7	*286·9*	- 0·5	48	-35
314	Fort Chipewyan	58 42	111 10	218	984·1	1009·9	- 1·0	291·3	301·9	12th	280·2	271·9	20th	285·8	*286·4*	- 0·4	24	-37
315	Prince Albert	53 10	105 38	437	961·7	1012·7	+ 0·3	294·1	307·4	10th	280·8	274·1	30th	287·4	*287·2*	- 0·9	29	-46
316	Qu'Appelle	50 30	103 47	651	939·4	1014·2	+ 1·6	296·3	304·1	8th	280·8	273·0	25th	288·6	*287·7*	- 0·8	62	+ 5
317	Minnedosa	50 15	99 50	515	953·3	1012·9	+ 0·2	294·3	302·1	8th	281·2	272·0	24th	287·7	*287·7*	- 1·2	51	+ 3
318	Berens River	52 18	97 23	216	..	..	..	293·7	300·8	6th,9th	280·2	271·9	20th	286·9	..	- 3·1	79	+38
318a	Port Nelson	57 0	92 51	14·9	1005·9	1007·7	- 2·9	289·1	300·8	8th	279·7	273·6	31st	284·4	..	- 0·5	..	..
319	Pagwa	50 3	85 18	189	..	..	..	297·0	304·7	17th	282·7	274·7	21st,24th	289·9	..	+ 1·3	51	+33
320	Moose Factory	51 14	80 30	9·1	1010·8	1011·9	- 0·1	294·7	304·7	13th	283·6	276·9	3rd,22nd	289·1	..	+ 1·3	80	- 1
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	♯Natashquan	50 8	61 48	6·1	..	..	..	292·2	298·0	16th	282·9	275·8	21st	287·6	..	+ 1·1	42	-55
326	Belle Isle	51 53	55 23	130	998·1	1014·3	+ 2·5	286·6	290·8	16th	280·7	278·0	18th	283·6	*283·5*	- 0·1	..	..
333a	62°-57°N. 20°-15°W.	††59 36	††17 30	§ (47)	..	..	..	..	..	Sea Temp. 285·5 ⌋0·0	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1009·5	1011·1	- 3·1	290·3	294·0	10th	285·0	280·4	2nd	287·7	287·7	- 0·4	221	+58
335	Aberdeen	57 10	W. 2 6	26·0	1006·9	1010·1	- 1·2	288·7	293·1	7th	283·4	277·9	2nd	286·1	285·9	- 0·3	59	+21
336	Greenwich	51 28	0 0	46·3	..	1014·3	- 0·7	295·7	301·9	11th	284·4	280·2	19th	290·1	289·3	+ 0·1	72	+38
337	Uccle	50 48	E. 4 22	100	1003·4	1015·2	- 0·4	297·0	303·1	24th	285·3	280·3	18th	291·1	289·6	+ 0·9	80	+ 8
338	De Bilt	52 6	5 11	3·0	1014·2	1014·6	- 0·4	294·2	300·2	25th	285·0	279·0	19th	289·6	289·1	- 0·6	121	+45
338a	Hamburg	53 33	9 58	40·3	1009·5	1014·3	+ 0·5	293·4	301·7	12th	284·9	282·4	1st	289·1	*288·7*	+ 0·7	126	+46
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·0	1011·6	- 1·3	292·3	295·1	6th	284·9	279·6	2nd	288·6	*288·6*	+ 0·6	112	-14
340	Potsdam	52 23	13 4	84·9	1004·3	1014·4	- 0·3	294·8	301·2	12th	285·1	280·0	3rd	289·9	289·4	- 0·3	79	+ 7
340a	Uppsala	59 51	17 38	24	1006·1	1009·0	- 1·5	291·2	295·1	13th	282·3	278·4	5th	286·8	286·7	- 1·0	65	+18
341	Warsaw	52 13	21 3	89·9	1003·6	1014·3	- 0·8	294·5	301·0	25th	284·8	281·5	13th	289·7	*289·4*	..	102	+58
342	Tartu (Ülikooli)	58 23	26 43	80·8	998·9	1008·5	- 3·0	291·7	297·9	16th	284·6	281·9	6th,11th	288·1	287·8	- 0·4	..	..
343	Leningrad	59 56	30 16	8·6	1006·8	1007·8	- 3·1	291·4	298·2	17th,18th	285·2	282·6	26th	288·3	*288·0*	- 0·6	144	+70
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	187	988·7	1008·4	- 4·0	292·5	300·5	17th	283·8	279·3	21st	288·2	*287·9*	- 0·9	55	-28
345	Saratov	51 32	46 2	127	994·6	1009·8	- 2·1	294·7	300·5	9th	285·9	282·3	13th,14th	290·3	*289·7*	- 2·8	95	+ 7
347	Kazan	55 47	49 8	79·9	999·8	1009·2	- 2·3	295·3	300·4	15th	285·4	280·6	21st	290·3	*289·8*	- 0·6	47	+15
347	Orenburg	51 45	55 6	109	997·4	1010·2	- 2·2	296·6	303·9	4th	284·9	280·4	24th	290·8	*290·2*	- 2·5	75	+ 3
348	Perm	58 1	56 16	163	990·8	1010·1	- 0·7	..	..	..	..	..	..	..	*288·3*	+ 0·2	..	..
349	Sverdlovsk	56 50	60 38	281	976·8	1009·9	+ 0·2	..	..	..	..	..	..	..	*287·0*	- 0·7	90	+36
350	Tobolsk	58 12	68 14	108	998·0	1010·8	+ 0·8	..	..	..	..	..	..	..	*288·5*	+ 0·4	103	+38
351	Akmolinsk	51 12	71 23	347	968·8	1009·0	- 1·9	..	..	..	..	..	..	..	*289·5*	- 1·5	72	+27
352	♯Omsk	55 1	73 19	108	997·2	1010·0	+ 0·6	..	..	..	..	..	..	..	*288·8*	- 0·6	21	-47
353	Barnoul	53 20	83 48	162	990·6	1009·6	- 0·3	..	..	..	..	..	..	..	*289·8*	0·0	65	+13
354	Tomsk	56 30	84 58	123	995·1	1009·6	+ 0·3	..	..	..	..	..	..	..	*289·8*	+ 0·6	79	..
355	Minousinsk	53 43	91 41	249	980·8	1009·8	+ 0·2	..	..	..	..	..	..	..	*290·0*	- 0·3	72	+12
356	Eniseisk	58 27	92 10	81·2	1000·3	1009·9	+ 1·2	..	..	..	..	..	..	..	*288·9*	+ 0·3	138	-36
357	Irkutsk	52 16	104 19	467	955·1	1008·8	- 0·9	..	..	..	..	..	..	..	*289·5*	+ 1·7	20	- 7
358	Kirensk	57 47	108 7	278	977·9	1010·3	+ 1·9	..	..	..	..	..	..	..	*289·1*	+ 0·7	49	-18
359	Tchita	52 2	113 30	685	928·5	1006·1	- 1·0	..	..	..	..	..	..	..	*289·6*	+ 0·2	104	+ 4
360	Nertchinskii Zavod	51 19	119 37	621	938·7	1008·9	+ 1·7	..	..	..	..	..	..	..	*290·8*	+ 1·9	107	+ 4
361	Tygan Ourkan	54 5	124 48	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	992·6	1009·0	+ 2·2	..	..	..	..	..	..	..	*292·9*	+ 0·9	261	+108
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1006·4	1011·4	+ 3·2	..	..	..	..	..	..	..	..	..	69	+48
366	Okhotsk	59 21	143 17	6·0	1012·6	1013·3	+ 3·1	..	..	..	..	..	..	..	*289·5*	+ 0·6	121	+52
															285·0	0·0		
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1001·6	1012·1	+ 2·3	..	..	..	..	..	..	..	*285·2*	+ 0·4	86	+ 3
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106.
††Mean latitude and longitude of the observations. § Number of observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·1	1017·5	+ 0·9	291·8	298·3	30th	284·1	282·0	29th	287·9	*287·6*	- 0·5	6	-10
412	Portland, Oregon	45 32	122 41	46·6	1012·4	1017·6	+ 1·3	298·7	304·1	9th	286·7	284·1	14th	292·7	*292·6*	+ 0·6	0	-16
413	Macleod	49 44	113 24	953	..	..	..	297·1	307·4	11th	282·1	274·1	14th,28th	289·6	*289·9*	- 0·3	51	+10
414	Calgary	49 24	114 4	1253	875·0	1014·9	+ 0·1	297·6	309·7	10th	282·9	279·1	29th	290·3	*290·4*	- 2·0	51	+33
414a	Salt Lake City	40 46	111 54	1329	867·5	1012·2	+ 0·1	303·2	310·2	10th	290·0	285·2	24th	296·6	*297·3*	- 0·6	4	-17
415	Cheyenne	41 8	104 48	1856	816·3	1013·9	- 0·3	299·1	304·7	12th	283·9	278·6	23rd	291·5	*291·7*	- 0·4	13	-25
416	North Platte	41 8	100 45	860	916·9	1013·9	- 0·7	303·6	310·2	9th	288·7	276·9	24th	296·1	*296·0*	+ 0·7	3	-57
417	Bismarck	46 47	100 38	510	954·0	1013·5	- 0·9	299·1	310·8	11th	285·4	276·3	23rd	292·3	*292·6*	- 0·5	54	+ 5
418	Winnipeg	49 53	97 7	232	986·0	1013·2	+ 0·1	296·9	306·2	12th	284·7	278·3	31st	290·8	*290·2*	+ 0·1	81	+26
418a	Duluth	46 47	92 6	345	974·2	1014·9	0·0	295·5	304·7	9th	285·8	279·7	31st	290·6	*290·5*	+ 0·5	102	+20
419	Port Arthur	48 27	89 12	196	991·4	1014·4	- 0·2	294·1	302·4	7th	285·2	276·9	31st	289·7	*289·5*	+ 1·2	99	+27
420	Chicago	41 47	87 35	205	992·2	1016·6	+ 0·7	299·3	307·4	3rd	291·3	287·4	31st	295·3	*294·7*	- 0·4	128	+51
422	Toronto	43 40	79 24	118	1002·7	1016·3	+ 0·7	299·6	304·2	8th	288·9	283·7	31st	294·3	*293·8*	+ 1·7	127	+56
423	New York (Central Park)	40 47	73 58	47·4	1011·5	1017·0	+ 0·5	300·9	307·4	4th	293·2	288·6	22nd,23rd	297·1	296·7	+ 0·8	116	+ 3
424	St. John, N.B.	45 17	66 4	36·3	1013·1	1017·4	+ 2·0	293·6	302·7	14th	286·4	282·2	21st	290·0	*289·8*	+ 1·1	73	-25
424a	C.W. Point, Anticosti	49 24	63 33	9·1	1014·3	1015·4	+ 3·5	288·6	291·3	15th	283·6	278·6	3rd,4th	286·1	*286·3*	- 0·4	31	-57
426	Sable Island (Main Station)	43 57	60 6	7·6	1016·7	1017·6	+ 0·9	292·4	296·3	18th	288·5	284·1	7th,8th	290·5	*290·2*	+ 0·4	12	-73
425	Port aux Basques	47 35	59 10	9·1	1015·1	1016·2	+ 1·4	290·8	295·5	15th	284·9	280·8	6th	287·9	*287·9*	+ 0·6	78	-39
426	St. John's, Newfoundland	47 34	52 42	74·1	1007·1	1016·0	+ 1·5	..	..	..	..	..	..	287·4	..	- 1·0	29	-65
435	Madrid	40 24	3 41	667	936·6	1010·6	- 4·2	300·8	308·5	11th	288·8	286·2	30th	294·8	*296·2*	- 1·8	0	- 7
436	Nantes	47 15	W. 1 34	36·5	1011·6	1015·9	- 1·3	297·9	307·4	11th	286·6	281·4	17th	292·3	292·0	+ 1·5	29	-18
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·6	1016·5	- 0·1	297·5	303·8	11th	286·1	280·7	31st	291·8	291·7	+ 1·0	39	-11
438a	Marseille	43 18	5 23	75	..	1014·6	- 0·8	303·0	308·2	4th	290·3	285·0	31st	296·6	*296·2*	+ 1·8	2	-19
439	Zürich	47 23	8 33	493	960·6	1017·2	0·0	298·8	306·2	12th	286·5	281·5	18th	292·6	291·5	+ 1·1	143	+14
440	Rome	41 54	12 27	45·5	1009·9	1015·1	0·0	307·1	311·0	4th	294·1	290·5	9th	300·6	*300·5*	+ 3·3	2	-24
440a	Vienna	48 15	16 22	203	992·2	1015·8	+ 0·4	297·6	305·4	1st	288·0	284·4	6th,19th	292·8	292·5	0·0	66	- 3
441	Budapest	47 31	19 1	130	1000·1	1015·2	+ 0·1	303·2	308·6	30th	288·4	283·7	19th	295·8	295·1	+ 1·4	21	-28
442	Sofia	42 42	23 20	550	952·6	1014·2	- 0·5	304·2	310·4	6th	289·2	284·6	8th,9th	296·7	*296·6*	+ 3·3	9	-45
443	Bucharest	44 25	26 6	82	1005·1	1014·6	+ 0·7	304·9	309·4	29th	289·0	284·4	4th	296·9	296·7	+ 1·5	9	-42
444	Odessa (Observatory)	46 26	30 46	42·8	1009·9	1014·9	+ 0·6	296·8	301·5	2nd	288·2	284·1	4th	292·5	*292·5*	- 2·2	40	+ 8
444a	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Novorossiisk	44 44	37 49	37·1	1009·8	1014·2	+ 2·0	299·8	305·5	31st	289·7	284·7	9th	294·8	*294·6*	- 1·9	13	-25
446	Tiflis	41 43	44 48	404	966·8	1012·6	+ 1·1	300·9	306·1	20th	289·6	286·2	6th,12th	295·3	295·3	- 1·6	2	-36
447	Astrakhan	46 21	48 2	-13·8	1014·4	1012·7	- 0·3	..	..	..	..	..	..	..	*293·5*	- 2·7	25	+13
448	Fort Alexandrovsk	44 31	50 7	-23·0	1015·5	1012·8	+ 1·4	..	..	..	..	..	..	..	*294·6*	- 2·9	85	+73
	Krasnovodsk	40 0	52 59	-4·6	1012·4	1011·9	+ 1·8	..	..	..	..	..	..	..	*297·5*	- 3·8	10	+ 5
449	Kasalinsk	45 48	62 7	66·7	..	..	..	..	..	..	289·6	285·3	25th	..	*295·0*	- 1·4	9	+ 1
450	Tashkent	41 20	69 18	478	954·3	1007·7	+ 0·8	304·8	?310·0	5th	289·3	283·7	30th	297·1	*297·1*	- 0·5	2	+ 1
452	Mayaskoe	41 26	76 13	2015	794·4	..	- 0·1	295·1	302·5	18th	280·9	276·4	30th	288·0	*287·7*	- 2·3	54	+35
	Alma Ata	43 16	76 53	841	915·8	1008·5	+ 0·7	300·7	307·8	18th	288·3	282·6	12th	294·5	*294·1*	..	47	+20
461	Moukden	41 48	123 23	43·8	1001·2	1006·2	- 0·5	302·5	307·5	13th	293·0	288·8	21st	297·7	297·0	+ 0·4	110	-41
462	Joshin	40 40	129 11	31·9	1005·1	1008·8	+ 0·5	298·1	301·9	21st	292·3	290·1	7th	295·2	294·8	- 0·3	367	+222
463	Yuki	42 20	130 24	63·8	1001·4	1008·8	+ 0·6	296·5	301·5	13th	291·8	287·3	22nd	294·1	293·9	- 0·5	321	+141
464	Vladivostok	43 7	131 54	128	994·4	1009·3	- 0·2	..	..	..	..	..	..	..	*294·0*	+ 0·2	257	+147
465	Ochiai	47 20	142 47	27·4	1009·7	1012·9	+ 3·0	297·2	303·9	19th	287·3	283·2	14th	292·3	291·7	+ 1·7	25	-73
465a	Nemuro	43 20	145 35	26·7	1010·1	1013·3	+ 1·8	294·1	299·3	29th	288·1	284·7	9th	291·1	290·5	+ 0·5	73	-37
	Syana	45 14	147 53	39·3	1009·5	1014·2	+ 2·7	294·8	300·5	19th	286·5	279·7	4th	290·7	290·5	+ 1·7	69	-30
		N.	E.															

*For formulas employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N.

AUGUST - ZONE 5 (AMERICA).

511	San Francisco	N. 37 48	W. 122 26	47·2	1008·5	1014·2	+ 0·1	291·0	295·2	11th	284·3	283·0	18th	287·7	*286·9*	+ 0·4	0	- 1
512	Sacramento	38 35	121 30	21·0	1009·1	1011·5	0·0	305·8	312·4	9th	286·3	284·1	31st	296·0	*296·0*	+ 0·3	0	0
513	San Diego	32 43	117 10	26·5	1010·2	1013·2	+ 0·8	295·2	298·3	12th	289·9	288·0	27th	292·6	*292·3*	- 0·6	1	- 1
514	Yuma	32 43	114 37	62·5	1010·2	1013·2	+ 0·8	295·2	298·3	12th	289·9	288·0	27th	292·6	*292·3*	- 0·6	1	- 1
515	Santa Fé	37 48	113 54	1668	834·9	1011·5	- 0·6	303·3	308·6	9th	284·3	278·0	27th	293·8	*293·6*	+ 0·4	24	-14
516	Denver	35 41	105 57	2138	791·9	1013·5	+ 0·6	297·9	304·1	22th	285·1	281·9	28th	291·6	*290·8*	- 0·8	66	+ 5
517	Abilene	39 45	105 0	1613	840·1	1014·5	0·0	301·6	308·6	19th	287·3	282·4	23rd	294·4	*294·1*	- 0·2	22	-14
518	Saint Louis	32 23	99 40	530	954·6	1014·2	+ 0·7	305·7	309·1	23rd	294·5	288·6	24th	300·1	*299·7*	- 0·5	142	+80
519		38 38	90 12	173	995·8	1015·9	+ 0·4	303·1	307·4	28th	293·3	288·6	25th	298·3	*298·4*	+ 0·1	123	+35
520	Mobile	30 41	88 2	17·4	1014·3	1016·2	+ 0·6	305·6	308·6	25th	296·8	294·1	12th	301·2	*300·3*	+ 1·6	146	-33
521	Nashville	36 10	86 47	166	997·9	1017·3	+ 1·0	303·9	308·3	5th	294·2	289·7	31st	299·1	*298·9*	+ 0·8	117	+27
522	Charleston	32 47	79 56	14·6	1016·1	1017·9	+ 1·2	303·8	308·9	19th	297·7	295·2	13th	300·8	*301·1*	+ 1·1	72	-96
523	Washington	38 54	77 3	34·1	1012·8	1018·6	+ 0·5	302·9	309·1	4th	293·1	286·9	12th	298·0	*297·2*	+ 1·5	366	+261
524	Bermuda	32 17	64 46	46·0	1014·8	1020·1	+ 1·1	303·3	305·1	6th	295·1	293·4	25th,26th	299·2	*299·5*	- 0·4	169	+31
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1016·0	1020·7	- 2·4	296·7	300·2	5th	290·7	283·7	30th	293·7	293·6	- 1·6	157	+64
531	Horta	38 32	28 38	65	1012·9	1020·7	- 2·1	296·8	300·5	21st	291·5	289·4	27th,28th	294·2	293·7	- 1·6	72	- 5
532	Ponta Delgada	37 44	25 40	22	1017·9	1020·5	- 1·8	296·1	298·7	9th	291·7	289·5	28th	293·9	293·9	- 1·0	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	143	+86
533	Madeira (Funchal)	32 38	16 55	25	1016·8	1019·7	+ 0·4	297·4	299·8	27th	292·9	291·5	12th,16th	295·1	*295·4*	+ 0·1	5	+ 1
535	Lisbon	38 43	9 9	95	1005·6	1018·6	- 0·3	300·1	308·0	10th	290·9	287·6	30th	295·5	294·9	+ 0·2	1	- 6
535a	Melilla	35 17	2 59	40	1010·5	1015·1	..	303·0	308·0	21st	296·1	293·9	12th	299·5	*299·7*	- 0·5	0	- 7
536	Gibraltar	36 6	5 21	16·2	..	1015·1	- 1·6	302·4	308·0	13th	293·9	290·2	30th	298·2	*297·7*	+ 0·8	1	+ 5
536a	Colomb-Béchar	31 36	W. 2 4	769	928·7	1010·2	..	312·2	314·0	3rd	296·7	293·0	23rd	304·5	*304·7*	+ 0·2	7	+ 5
537	Palma	39 34	E. 2 39	23	1012·2	1014·8	- 3·1	305·4	312·0	3rd	292·6	288·0	31st	299·0	*299·2*	+ 0·5	0	-17
538	Algiers (Bouzaréah)	36 48	3 2	342	975·5	1014·6	- 0·6	303·2	310·9	29th	295·1	291·0	17th	299·1	299·0	+ 2·2	0	- 3
538a	Gadames	30 9	9 30	351	..	..	..	316·4	319·7	24th	295·7	293·0	7th	306·1	..	+ 0·5	0	- 4
539	Tunis	36 48	10 10	75	1007·4	1016·0	..	306·0	312·4	27th	294·8	290·6	19th	300·4	*300·4*	+ 1·4	0	- 1
539a	Malta	35 54	14 31	71·2	..	1014·9	+ 0·6	303·7	307·4	3rd,30th	296·7	294·7	12th,17th	300·2	*299·5*	+ 1·0	0	-10
540	Riposto	37 41	15 14	14·2	..	1016·0	- 0·3	303·4	306·4	16th	295·7	294·0	9th	299·5	*299·9*	+ 1·4	3	- 7
541	Athens	37 58	23 43	107	1000·1	1012·2	+ 0·3	307·4	310·5	16th	296·8	292·6	9th	302·1	301·6	+ 2·0	0	- 7
542	Alexandria	31 12	29 53	32·0	1005·8	1009·4	- 0·7	303·9	305·2	22nd,26th	296·8	294·3	31st	300·4	*299·8*	+ 0·6	..	..
543	Ankara (Angora)	39 58	32 48	861	915·8	1010·1	- 0·6	303·4	310·1	30th	286·8	281·0	10th	295·1	*296·0*	..	0	- 3
543a	Nicosia (P.W.D.)	35 9	33 22	159	988·7	1006·0	- 0·2	310·6	313·6	2nd,7th	294·8	291·3	20th	302·7	..	+ 1·5	0	- 3
544	Beirut	33 54	35 28	33·7	..	1007·5	- 0·7	305·5	308·7	19th,20th	297·6	296·6	15th	301·5	*301·3*	+ 1·1	0	- 4
545	Hinaidi	33 17	44 29	32·3	1001·3	1006·1	+ 5·8	316·0	319·1	3rd	296·4	293·0	18th,19th	306·2	*306·7*	- 1·2	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	1	- 1
547	Tehran	35 41	51 25	1220	..	..	..	306·1	309·5	5th	293·3	286·9	18th	299·7	*299·4*	- 2·3	0	- 2
548	Meshed	36 17	59 38	946	873·6	..	..	303·6	309·8	10th	287·1	280·2	26th	295·3	..	- 0·8	0	- 3
549	Seistan	31 0	61 30	610	..	..	..	309·1	315·5	17th	295·4	291·1	10th	302·3	..	- 2·1	0	-12
550	Quetta	30 12	67 0	1673	828·7	..	+ 1·0	307·5	310·1	7th,13th	288·8	282·3	31st	298·1	*297·8*	+ 0·3	7	-26
551	Peshawar	34 2	71 37	339	963·6	1000·5	+ 0·8	312·7	316·0	4th	300·0	296·3	24th	306·3	*305·8*	+ 1·9	121	+ 4
551a	Lahore	31 34	74 20	214	976·6	1000·1	+ 0·2	310·1	315·5	21st	300·8	295·8	31st	305·4	*304·6*	+ 1·0	394	+21
552	Simla	31 7	77 8	2202	778·5	..	+ 0·5	293·8	296·3	3rd	288·2	286·1	15th	291·0	*290·7*	+ 0·4	27	- 2
552a	Leh	34 10	77 42	3503	665·5	..	+ 0·5	296·3	300·0	19th	282·5	279·3	10th	289·4	*288·0*	- 0·9	..	-57
559	Hankow	30 35	114 17	37·0	1001·3	1005·5	0·0	307·4	311·1	20th	297·1	291·1	27th	302·3	*301·7*	+ 0·1	47	+40
560	Tientsin	39 9	117 9	6·4	1005·5	1006·1	- 0·8	303·1	308·4	8th	294·3	289·8	31st	298·7	*298·6*	- 0·2	201	+18
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1003·7	1004·5	- 1·4	304·3	307·7	26th	295·3	290·6	28th	299·8	298·7	- 1·2	116	-26
562	Jinsen (Chemulpho)	37 29	126 37	67·6	998·5	1008·2	- 1·1	303·4	308·8	8th	293·9	291·5	29th	298·6	298·2	+ 0·6	147	-37
562a	Nagasaki	32 44	129 52	133	989·1	1004·1	- 4·2	302·9	305·4	28th	295·8	293·4	22nd	299·3	298·8	- 0·8	87	+12
563	Kyoto	35 1	135 44	42·9	1001·3	1006·2	- 2·7	303·4	306·3	27th	294·2	288·5	26th	298·8	298·3	- 0·8	216	+102
564	Tokyo	35 41	139 46	5·8	1007·8	1008·5	- 1·5	300·7	304·3	31st	294·0	290·0	9th	297·3	297·1	- 1·3	247	+101
565	Hukusima	37 45	140 28	68·5	1001·9	1009·8	+ 0·1	300·7	307·1	22nd	292·7	289·2	9th	296·7	296·1	- 1·2	94	-26
566	Miyako	39 38	141 59	30·4	1006·7	1010·2	- 0·2	298·3	302·6	29th	292·3	288·8	9th	295·3	294·5	- 0·5	73	+26

AUGUST – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1018·9	1019·6	+ 1·7	301·4	303·0	4th	294·1	291·9	17th	297·8	*297·3*	- 1·0	171	+65
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	+ 0·9	301·2	302·4	7th	296·1	294·7	25th	298·7	*298·4*	- 0·1	19	-25
613	Guaymas	27 55	110 53	8·3	1010·4	1011·3	..	306·9	309·5	14th	300·2	296·7	2nd	303·5	*302·8*	- 0·6	65	+20
615	Leon	21 7	101 41	1809	822·5	1010·7	+ 0·2	300·2	304·0	17th	286·9	283·6	10th	293·5	*292·5*	- 1·0	161	-17
616	Monterry	25 40	100 18	528	953·4	1011·4	+ 0·9	307·6	311·3	11th	295·9	294·5	26th	301·7	*301·4*	+ 1·1	21	-21
617	Tulancingo	20 5	98 22	2181	791·5	..	0·0	296·8	300·4	3rd	282·7	280·0	17th	289·7	*288·5*	- 0·8	33	+33
618	New Orleans	29 18	94 50	16·5	1014·0	1015·9	+ 0·8	304·8	309·1	10th	299·3	295·2	28th	302·1	*301·8*	+ 0·9	133	+48
618a	Mérida, Yuc.	29 57	90 4	16·2	1014·3	1015·9	+ 0·7	306·1	309·1	28th	298·5	295·2	12th	302·3	*301·6*	+ 1·3	166	+84
619	Havana	20 58	89 38	22	1012·0	1014·5	- 0·6	305·6	307·6	sev.dates	296·8	295·6	sev.dates	301·2	*300·5*	+ 0·7	166	+76
620	Key West	23 7	82 25	77·0	1005·8	1014·6	- 0·9	304·8	307·2	10th	296·5	295·0	28th	300·6	300·0	..	80	+36
620a	Nassau, Bahamas	24 33	81 48	6·7	1014·8	1015·6	- 0·1	304·3	305·8	24th	298·6	296·3	4th	301·4	*301·3*	- 0·3	133	+58
622	Watling Island	25 5	77 20	9·6	..	1016·9	+ 0·5	303·9	305·2	1st,2nd	297·6	294·7	13th	300·7	*300·8*	- 0·6	323	+170
633	Port Etienne	20 56	17 3	4	..	..	..	301·6	307·2	28th	296·0	293·8	1st	298·8	*298·0*	..	..	..
634m	Izaña	28 19	16 30	2367	773·1	..	+ 0·3	295·9	298·8	6th	287·5	283·5	4th	291·7	*290·6*	+ 1·0	15	- 2
634	La Laguna	28 28	16 20	547	953·4	1015·2	- 0·5	300·6	309·9	11th	290·0	287·8	31st	295·3	*294·6*	+ 0·1	0	- 4
636	Adrar	27 38	W. 0 4	285	979·5	1010·7	..	317·4	321·0	25th	299·4	295·0	12th	308·4	310·8	..	..	..
638	Laperrine	22 36	E. 5 28	1350	865·8	1005·0	..	309·3	311·2	13th	292·9	287·4	13th	301·1	*303·2*	..	19	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	289·8	288·2	17th	..	..	..	0	..
642	Siwa	29 12	25 29	-23	1012·8	1010·2	- 0·1	311·7	315·0	19th	293·9	291·0	31st	302·8	..	..	0	..
643	Cairo (Helwan)	29 52	31 20	116	995·1	1008·0	- 0·8	309·8	312·4	2nd,19th	295·3	293·3	15th	302·6	*302·1*	+ 1·3	..	..
643a	Aswan	24 2	32 53	100	996·0	1006·8	+ 0·5	314·8	317·3	3rd	298·6	297·0	16th	306·7	*306·4*	+ 0·8	0	..
644	Tor	28 14	33 37	1·9	1005·5	1005·8	+ 0·4	308·6	311·0	5th,13th	298·3	293·7	28th	303·4	*303·1*	+ 1·5	..	..

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see page 108.

No.	Name of Station.	Latitude.	Longitude.	Height	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	998·7	999·2	..	307·8	311·8	10th	301·6	298·7	17th	304·7	*304·1*	- 0·6	0	0
649	Jask	25 45	57 45	4·0	999·6	1000·1	..	306·2	310·7	30th	300·8	298·9	17th	303·5	*302·9*	- 1·3	0	0
650	Karachi	24 53	66 57	4·0	1002·1	1002·6	+ 0·6	303·3	304·4	2nd,17th	298·9	297·1	27th,28th	301·1	*300·5*	+ 0·4	4	-39
651	Jacobabad	28 17	68 29	56·7	994·1	1000·3	+ 1·3	312·8	315·2	2nd	300·8	299·2	4th	306·8	*306·2*	- 0·2	0	-25
652	Jaipur	26 56	75 52	436	954·9	1002·7	+ 0·9	307·1	311·1	20th	297·9	296·5	8th	302·5	*301·6*	+ 0·6	64	-138
653	Nagpur	21 8	79 5	310	969·8	1004·2	+ 1·0	305·3	307·8	10th	296·9	295·4	21st,22nd	301·1	*300·3*	+ 1·0	82	-214
653a	Allahabad	25 25	81 51	94·2	990·8	1001·3	+ 0·3	307·7	311·6	11th	300·2	298·3	23rd,24th	303·9	*303·3*	+ 1·8	54	-243
654	Darjeeling	27 3	88 15	2265	773·5	..	- 0·1	292·9	295·5	11th	287·9	286·7	29th	290·4	*290·1*	+ 1·0	509	-155
	Calcutta	22 32	88 20	6·4	1001·3	1002·1	+ 0·2	304·9	307·6	13th	299·1	297·5	20th	302·0	*301·8*	+ 0·8	415	+92
655	Gauhati	26 8	91 41	59·7	997·5	1004·1	+ 0·2	304·8	307·4	1st	298·2	296·2	26th	301·5	*300·7*	- 0·3	342	+79
655a	Cherrapunji	25 15	91 42	1313	864·7	..	+ 0·3	295·7	298·4	2nd	291·6	290·1	29th	293·6	*293·0*	+ 0·3	1317	-710
656	Akyab	20 11	92 56	6·1	1003·8	1004·5	- 0·6	301·8	303·4	26th	298·0	296·6	13th,23rd	299·9	*300·0*	- 0·2	792	-356
656a	Mandalay	21 59	96 0	76·2	996·9	1005·4	- 0·1	306·8	308·7	2nd	296·8	296·7	22nd	302·3	*301·9*	- 0·5	207	+91
657	Myitkyina	25 2	98 33	1626	833·0	1002·8	..	297·0	299·7	13th	290·1	288·0	22nd	293·5	*292·8*	+ 0·1	288	-10
658	Pim Lien	20 46	106 38	116	..	1002·9	- 0·2	303·8	307·8	16th	297·9	293·4	30th	300·9	300·4	- 0·4	453	+110
659	Monkay	21 31	107 51	9·0	..	1002·9	- 0·5	305·1	309·0	17th	298·2	294·5	29th,30th	301·7	*301·1*	+ 0·4	504	-116
660	Hongkong	22 18	114 10	33·2	..	1003·3	- 1·5	303·8	306·4	1st	298·9	297·4	30th	301·3	301·0	+ 0·4	328	-38
	Amoy	24 26	118 4	4·9	..	..	..	304·2	306·9	4th	299·4	297·4	7th	301·8	301·4	- 0·3	242	+74
661	Taihoku, Formosa	25 2	121 31	9·3	1002·9	1003·9	- 1·0	305·1	309·1	3rd	297·0	292·2	30th	301·1	300·3	- 0·6	495	+189
662	Basco	20 28	121 59	18·7	..	1004·3	- 0·4	303·0	304·7	21,22,23	298·6	296·4	8th	300·8	300·8	0·0	901	+504
663	Naha	26 12	127 39	29·5	999·4	1002·7	- 3·5	302·6	304·7	1st	298·1	296·6	31st	300·3	300·3	- 0·5	238	-34
664	Titlima (Bonin Islands)	27 5	142 11	4·1	1006·3	1006·8	- 1·7	302·0	304·3	29th,31st	297·5	295·2	25th	299·7	299·4	- 0·7	65	-107
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

AUGUST – ZONE 7.

716	Colima	19 12	103 45	498	957·8	1013·4	+ 1·3	304·0	308·2	22nd	292·8	290·7	9th	298·4	*297·9*	- 0·6	159	-15
717	Morelia	19 42	101 7	1923	810·9	1010·7	- 0·5	295·4	297·6	17th	287·0	284·7	15th	291·2	*290·7*	+ 0·2	108	-37
718	Mexico, Tacubaya	19 24	99 12	2309	776·1	..	- 0·1	296·4	298·4	3rd	282·9	280·5	12th	289·7	288·5	- 0·5	153	+27
	Salina Cruz	16 12	95 12	56	1005·6	1012·0	0·0	303·4	306·2	16th	296·1	293·2	5th	299·7	*300·4*	- 0·6	98	-45
719	San Salvador	13 42	89 13	682	937·8	1013·1	+ 0·7	305·5	307·4	1st	291·2	290·0	3,4,30	298·3	*296·5*	- 0·1	386	+59
720	Belize	17 31	88 11	5·2	1012·8	1013·4	0·0	..	..	..	297·9	294·7	16th	..	‡*299·4*	0·0	102	-59
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·3	+ 0·4	304·5	306·9	14th	295·8	294·2	14th	300·2	*299·9*	+ 0·3	86	-79
722	Port au Prince	18 33	72 20	37·4	1010·3	1014·6	+ 0·1	305·8	308·6	1st,20th	295·4	294·0	13th,26th	300·6	*300·1*	- 0·6	268	+132
723	Caracas	10 30	66 56	1042	899·6	1013·7	+ 0·1	298·5	301·1	8th	288·5	287·2	4th,7th	293·5	*292·9*	- 0·3	259	+151
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·5	1015·2	- 0·4	302·6	305·2	22nd	297·1	294·7	3rd	299·9	*299·7*	0·0	264	+76
725	Grenada (Richmond Hill)	12 5	61 46	188	991·3	1012·8	0·0	303·6	305·2	31st	296·4	288·6	8th	300·0	*299·4*	+ 0·5	275	+38
726	Barbados	13 8	59 36	55·2	..	1014·1	+ 0·3	302·7	304·1	25th	296·0	295·1	10th,24th	299·3	*299·1*	- 0·5	201	+18
727	São Vicente, C. Verde Is.	16 54	25 4	11	1010·6	1011·8	- 0·7	301·5	302·5	sev.dates	297·7	296·5	6,7,21	299·6	*299·8*	+ 1·2	19	-20
728	São Tiago, C. Verde Is.	14 54	23 31	34	1008·4	1012·3	- 1·2	302·5	..	..	296·7	..	..	299·6	*299·9*	0·0	498	+405
729	Dakar	14 40	17 26	32	..	1012·0	..	303·2	308·0	27th	297·0	294·3	28th	300·1	*299·5*	- 0·4	209	-30
730	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·9	303·0	1st	295·8	291·3	3rd	298·3	*298·6*	- 0·9	657	..
731	Médinabalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
732	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
733	Sokoto	13 2	E. 5 14	353	..	..	..	304·0	308·0	22nd	295·2	293·0	11th,23rd	299·6	*298·9*	+ 0·1	230	+ 9
734	Kaduna Capital	10 32	7 25	7637	..	..	..	300·6	303·6	28th	292·3	290·8	1,20,31	296·4	*295·8*	0·0	227	-86
735	Kabaija	12 40	10 5	?	..	..	..	303·1	306·9	2nd	..	..	..	..	‡*298·3*	- 0·9	215	- 1
736	Maiduguri	11 47	13 11	361	..	..	..	304·1	312·4	25th	295·7	293·0	3rd	299·9	*299·3*	+ 0·1	253	+44
737	El Fasher	13 32	25 18	730	927·6	1007·9	..	306·9	311·0	27th,29th	293·8	291·5	6th	300·4	*298·9*	+ 0·5	145	+ 1
738	Wâd Medani	13 11	30 14	563	947·2	1010·0	+ 1·5	305·5	309·0	23rd	294·6	291·4	16th	300·0	*299·9*	- 0·1	155	+43
739	Khartoum	15 37	32 33	390	965·8	1008·8	+ 0·9	310·1	313·6	27th	298·0	294·1	6th	304·0	*304·0*	+ 0·1	53	-19
740	Port Sudan	19 37	37 13	5·5	1004·8	1005·5	+ 0·3	315·0	318·4	9th	302·0	298·8	17th	308·5	*307·6*	+ 0·9	1	- 2
741	Barbera, Somaliland	10 22	45 2	13·8	1003·1	1004·6	- 0·4	313·8	315·8	22nd	303·9	298·6	14th	308·9	*308·6*	+ 0·1	4	+ 2
742	Aden	12 45	45 3	28·7	1002·6	1005·8	+ 1·0	306·7	309·4	11th	301·7	299·7	17th	304·2	*304·4*	+ 0·9	0	- 3
743	Bombay	18 54	72 49	11·3	1006·0	1007·3	+ 0·4	302·6	304·0	20th	297·6	296·0	26th	300·1	299·9	0·0	423	+72
744	Zoraikanal	10 14	77 28	2343	770·5	..	+ 0·9	290·8	293·7	24th	284·2	283·1	30th	287·5	*286·7*	+ 0·3	80	-98
745	Bangalore	12 59	77 38	921	909·1	1009·6	+ 1·1	300·3	302·6	11th	291·8	290·6	22nd	296·1	*295·0*	- 0·1	177	+40
746	Madras	13 4	80 14	6·7	1006·5	1007·4	+ 0·2	307·8	312·7	1st	298·3	296·5	20th	303·1	*302·4*	+ 0·2	125	+ 7
747	Visagapatam	17 42	83 19	11·6	1002·1	1003·5	0·0	305·8	308·9	1st	299·6	298·8	14th	302·7	*302·1*	+ 0·4	242	+106
748	Port Blair	11 40	92 40	18·0	1006·3	1008·3	0·0	302·1	303·3	1st,31st	297·9	296·6	10,20,25	300·0	*299·4*	- 0·3	392	+19
749	Rangoon	16 46	96 48	5·5	1006·7	1007·4	- 0·2	302·7	304·2	4th	297·3	296·0	23rd	300·0	*299·1*	+ 0·1	454	-51
750	Cap St. Jacques	10 20	107 5	180	..	1009·0	..	302·3	303·7	10th,20th	296·2	294·8	21st	299·2	*298·8*	- 0·4	218	+67
751	Bhatrang	12 15	109 12	3·6	..	1005·1	..	306·3	309·3	18th	297·5	296·3	20th,24th	301·9	*301·3*	+ 0·1	52	+ 8
752	Bolinao	16 23	119 53	2	..	1006·2	+ 0·5	304·0	308·5	18th	297·4	295·5	29th	300·7	*300·5*	+ 0·7	177	-434
753	Vigan	17 34	120 23	12·2	..	1005·8	- 0·1	303·8	306·2	23rd	298·0	296·0	11th	300·9	300·5	+ 0·7	628	-93
754	Manila	14 35	120 59	14·2	..	1007·3	+ 0·2	304·9	307·4	22nd	298·2	296·5	20th,26th	301·5	301·0	+ 1·0	201	-213
755	Ormoc	11 0	124 36	5·6	..	1007·8	+ 0·6	305·3	306·6	16th	296·8	295·1	23rd	301·1	*301·1*	+ 1·0	238	- 6
756	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·0	+ 0·9	303·9	305·6	26th	297·7	296·0	20th	300·8	*302·2*	+ 1·0	293	-93
	Saipan	15 14	145 46	207	986·1	1006·2	..	302·5	303·3	8,16,17	296·9	293·9	11th	299·7	299·5	..	191	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110.

♯Change of normals, see page 111.

AUGUST – ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1011·5	1012·1	+ 1·0	304·6	307·4	3rd	..	..	..	..	‡302·7	+ 1·0	56	-50
821	Cristobal	9 23	79 23	11·0	..	1011·5	+ 0·7	302·8	305·2	4th	296·8	295·2	12th	299·8	299·4	+ 0·2	622	+367
822	Bogota	4 36	74 5	2645	747·5	..	..	291·5	294·0	14th	282·6	280·3	18th	287·1	286·5	..	39	-23
822a	∮Merida, Venez.	8 36	71 9	1641	$ 842·3	..	+ 0·5	297·1	299·9	30th	287·8	286·4	16th	292·5	*291·3*	- 0·5	132	-46
823	Ciudad Bolivar	8 9	63 33	38	1008·2	1012·5	..	304·1	306·2	29th,31st	296·7	295·3	12th	300·4	*299·9*	- 0·1	138	-38
824	El Peru, Guayanavieja	7 19	61 49	220	986·4	1011·3	+ 0·2	302·7	304·0	31st	294·9	293·6	15th	298·8	*298·3*	+ 0·2	169	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·0	+ 0·2	303·1	304·1	28th,31st	297·3	294·7	18th	300·2	*299·7*	+ 0·2	20	-124
826	Paramaribo	5 49	55 9	3·7	..	1013·5	+ 0·1	305·8	306·9	31st	296·1	294·4	6th	300·9	*300·5*	+ 0·9	133	-29
828a	Cayenne	4 56	52 21	6	..	..	..	305·5	306·0	16th	295·2	294·0	12th	300·4	*299·8*	- 0·1	1	-38
831	10°-5°N. 30°-25°W.	††7 5	††27 5	§(108-117)	..	1014·8	+ 1·0	..	..	Sea Temp. 299·2|-0·2	..	..	..	..	298·9	- 0·1	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	1436	+376
834	Freetown, Sierra Leone	8 29	13 14	68·3	1006·4	1014·4	+ 1·7	299·9	303·0	30th	294·7	293·6	7,14,18	297·3	*296·7*	- 1·2	963	- 8
835	Assuantsi	5 18	1 15	101	..	..	..	298·9	302·4	3rd,18th	293·6	289·7	16th	296·2	..	- 0·6	60	- 4
836	Accra	5 33	W. 0 12	16·0	1012·6	1014·4	+ 0·5	299·1	300·8	1st	295·2	293·3	16th	297·1	*295·8*	- 0·2	12	..
837	Lagos	6 27	E. 3 24	3·0	1012·1	1012·4	- 0·6	300·1	301·1	1st	296·6	294·1	12th	298·3	*298·0*	- 0·2	52	-255
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	300·9	302·4	..	293·5	292·4	..	297·2	*296·7*	..	637	+335
839	Yola	9 12	12 30	259	..	..	..	303·9	305·2	4,17,31	294·1	292·4	18th	299·0	*298·5*	+ 0·2	217	+58
841	Wau	7 42	28 3	440	..	..	..	..	..	..	293·8	292·5	21st,25th	..	*298·7*	+ 1·0	185	..
843	∮Malakal (Kodok)	9 35	31 37	394	967·5	1011·8	+ 0·8	304·3	307·2	30th	294·7	292·5	7th	299·5	*298·1*	+ 0·4	232	+85
843a	∮Mongalla	5 11	31 47	448	961·1	1011·4	+ 0·2	306·2	308·0	16th,22nd	293·9	292·8	9,12,15	300·0	*298·2*	+ 0·7	82	-58
844	Entebbe	0 5	32 29	1171	885·7	1012·5	+ 0·9	297·9	300·8	7th	289·4	288·0	6th	293·7	*293·3*	+ 0·1	39	+ 3
845	Sheikh	9 55	45 15	1463	..	..	..	302·1	304·7	30th,31st	288·3	284·1	24th	295·2	..	..	70	..
851	Minicoy	8 17	72 49	2·1	1011·8	1012·0	+ 1·1	302·9	304·1	31st	298·2	295·7	16th,18th	300·6	*300·0*	..	175	+98
851a	Cochin	9 58	76 21	2·7	1011·7	1012·1	+ 1·3	300·5	302·2	1st	296·2	294·8	14th	298·3	*297·7*	- 0·9	411	+264
852	∮Colombo Observatory	6 54	79 52	7·3	..	1010·8	+ 1·7	302·7	303·8	28th	298·2	295·9	12th	300·4	*299·8*	+ 0·4	64	-101
853	∮Nuwara Eliya	6 58	80 46	1886	..	..	..	291·2	294·6	9th	285·7	283·3	31st	288·4	*287·7*	- 0·2	214	+68
854	∮Trincomalee	8 35	81 15	30·2	..	1007·2	+ 1·1	305·4	307·3	5th,31st	297·8	295·2	10th	301·6	*301·0*	- 0·6	189	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	- 0·2	..	..	..	..	..	..	..	..	..	48	..
856	Medan	3 35	98 41	25·0	..	..	..	..	..	..	..	..	..	..	..	..	129	-215
857	Penang	5 34	100 20	5·0	..	1009·7	+ 0·4	304·0	305·7	31st	295·8	294·4	12th	299·9	299·1	+ 0·4	190	-153
858	Singapore	1 18	103 51	10·9	..	..	..	306·6	307·2	30th	294·2	293·0	25th	300·4	*299·6*	+ 0·2	231	-75
859	Sandakan	5 50	118 7	31·7	1009·0	1010·2	+ 0·5	304·0	305·9	5th	296·6	295·2	6th	300·3	*299·8*	- 0·1	163	-60
860	Iwahig	9 44	118 38	14·3	..	..	..	304·8	305·8	10,13,16	296·6	294·7	28th,29th	300·7	*300·8*	0·0	224	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·9	+ 0·7	304·5	306·1	10th	295·6	294·6	14th	300·1	*299·3*	0·0	84	-48
861a	Menado	1 30	124 50	8·5	..	1008·3	+ 0·4	305·8	308·3	13th	297·8	296·1	20th	301·8	301·2	+ 0·7	121	-13
862	Surigao	9 48	125 29	6·0	..	1009·3	+ 0·5	304·4	306·9	10th	296·9	294·9	22nd	300·7	300·0	+ 0·3	101	-36
863	Kolonia, Yap	9 29	138 8	29·3	..	1008·7	+ 1·0	305·0	307·0	11th	297·2	295·9	20th	301·1	300·6	- 0·1	187	..
864	Palau	7 20	134 29	31·8	..	1010·0	+ 2·3	304·6	306·0	9th,13th	297·9	296·4	31st	301·3	300·3	+ 0·5	441	..
867	Ponape	6 58 N.	158 13 E.	38·9	1006·3	1009·9	..	303·2	305·5	12th	297·5	294·5	30th	300·3	300·1	..	309	..

AUGUST – ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	2	..	1011·9	..	303·5	305·3	25th	299·0	296·3	16th	301·3	*300·9*	..	94	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·3	307·4	30th	294·8	293·0	15th	300·0	*300·0*	..	43	+ 1
926	∮Taperinha	2 30	54 20	21·5	1011·0	1013·4	+ 0·7	305·1	306·9	6th	295·2	293·7	5th	300·2	*299·1*	+ 0·5	38	- 8
927	Turyassu	1 43	45 26	9·1	1012·2	1013·2	+ 0·4	305·4	307·6	14th	294·9	291·6	5th	300·2	*299·4*	+ 0·5	27	- 1
928	Barra do Corda	5 30	45 16	81·0	1001·6	1011·1	- 0·8	308·3	310·0	30th,31st	291·5	287·6	3rd	299·9	*299·3*	+ 1·4	0	-34
929	∮Quixeramobim	5 16	39 15	207	991·0	1014·3	+ 0·4	304·4	305·6	28th	297·1	296·0	4th	300·8	*300·6*	+ 0·6	21	..
930	Fernando Noronha	3 50	32 25	106	1003·6	1015·8	+ 0·9	299·3	300·2	17th	296·3	293·6	3rd	297·8	*297·7*	0·0	..	..
930a	5°-10°S. 36°-30°W.	††7 22	††33 46	§(39-42)	..	1015·4	..	..	..	Sea Temp. 298·5|+0·1	..	..	..	..	298·4	..	2	-10
934	Ascension Island	7 55	W. 14 24	18·8	1015·8	1017·6	+ 1·0	300·6	302·4	21st	294·7	293·6	5,14,25	297·7	*296·7*	- 0·5	..	..
939	Loanda	8 49	E. 13 13	51	..	1015·5	+ 0·1	296·8	297·9	21st	291·0	288·8	12th	293·4	293·1	+ 0·3	0	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	†1280	..	..	..	301·2	305·2	9th,19th	287·7	286·3	3,12,29	294·4	..	..	94	-144
944	Nairobi (Dept. Agric.)	1 16	36 50	1875	..	..	..	296·3	303·0	31st	284·1	280·2	7th	290·2	..	..	22	-121
944a	Zanzibar	6 10	39 11	17·1	1017·2	1019·2	+ 0·9	300·2	301·9	28th	295·6	293·9	23rd	297·9	*297·0*	0·0	30	-107
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	300·8	21,28,31	295·2	293·6	2,14,15	297·7	*297·3*	- 1·1	50	-107
947	Seychelles, Port Office	4 37	55 27	4·6	1013·4	1013·9	+ 1·0	300·1	301·4	25th	296·4	294·5	12th	298·2	*297·4*	- 0·4	14	-111
957	Padang	0 56	100 22	6·7	..	1011·2	+ 0·6	303·6	305·6	19th	296·3	294·3	15th	299·9	299·4	+ 0·2	460	+212
958	Batavia	6 11	106 50	8·0	1010·1	1011·0	+ 0·6	303·4	304·7	27th	296·0	294·6	24th	299·7	299·2	+ 0·1	158	-102
958a	Pontianak	0 1	109 20	2·6	..	1009·6	- 0·3	305·5	308·2	4th	297·0	296·0	24th	301·3	300·3	+ 0·5	111	-149
959	Pasuruan	7 38	112 55	5·0	..	1011·6	+ 0·5	305·2	307·2	29th	294·8	291·7	23rd	300·0	300·0	+ 1·0	0	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	6	..
962	Amboina	3 42	128 10	4·2	..	1011·0	- 0·2	300·1	302·0	1st	296·6	294·3	23rd	298·3	298·1	+ 0·3	468	+144
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	168	-156
965	Daru	9 4	143 13	7·6	..	1012·7	+ 0·4	300·2	..	..	..	..	..	..	..	..	58	..
966	Port Moresby	9 29	147 9	38·4	..	1012·3	+ 0·4	300·1	..	..	296·6	..	..	298·4	*298·1*	+ 0·3	11	-189
											296·3	..	..	298·2	*297·9*	+ 0·5		
																- 0·1		
967	Rabaul	4 9	152 12	12·5	1008·4	1009·9	+ 0·5	305·6	306·7	7th	295·6	293·7	8th	300·6	*300·0*	+ 0·5	180	-202
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·3	303·6	sev.dates	297·6	296·3	22nd	299·9	*299·7*	- 0·1	268	-96
970	Ocean Island	0 52	169 35	42·6	1006·0	1010·8	+ 0·3	305·6	307·4	31st	298·8	296·9	3rd	302·2	*301·5*	+ 1·2	55	..

For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see page 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

AUGUST – ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1006	Apia, Samoa	13 48	171 46	2·0	..	1012·5	+ 0·4	302·1	303·8	7th	296·3	294·3	5th	299·2	299·1	+ 0·1	153	+61
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1016·2	+ 0·4	298·8	301·9	28th	292·5	286·9	31st	295·7	*295·5*	- 0·4	119	- 4
1001	Lima	12 5	77 3	111	1001·1	1014·4	..	291·4	294·2	28th	286·2	282·9	25th	288·8	287·8	..	6	..
1002	Tacna	18 0	70 18	560	..	..	..	298·9	300·0	sev.dates	281·5	280·0	sev.dates	290·2	*286·2*	- 0·6	0	- 8
1005	Corumba	18 59	57 39	116	1002·4	1015·8	+ 2·5	301·5	309·8	27th	288·8	279·8	15th	295·2	*295·0*	- 0·9	40	+15
1007	Cuyaba	15 36	56 6	165	995·9	1015·0	+ 2·1	303·2	310·0	28th	288·5	281·6	15th	295·8	*294·8*	- 2·9	3	-26
1009	Caetite	19 55	43 57	895	918·2	1017·8	0·0	299·6	303·2	31st	286·0	281·2	3rd	292·8	*292·3*	+ 1·3	0	-16
1010	Ondina (Bahia)	14 3	42 37	807	919·2	1018·6	+ 1·1	299·1	302·5	30th	286·8	283·8	16th	293·0	*293·3*	0·0	2	-10
1008	Aracaju	13 0	38 31	46·6	1012·7	1018·2	+ 0·4	299·1	300·6	30th	293·6	291·8	22nd	296·4	*296·2*	0·0	130	+12
1008a	15°-20°S. 40°-35°W.	10 55	37 3	6·1	1018·2	1019·0	+ 1·2	299·8	300·7	15th	293·9	291·3	5th	296·8	*296·7*	..	101	..
1008b	10°-15°S. 40°-35°W.	††17 7	††38 14	§(37-42)	..	1019·5	..	..	..	Sea Temp. 297·0|+0·3	..	..	..	..	296·5	..	..	..
1008	St. Helena	††12 29	††36 27	§(36-40)	..	1017·8	..	..	..	297·6|+0·1	..	..	..	..	297·7	..	..	..
1009	Mossamedes	15 57	W. 5 40	579	950·5	1018·2	+ 1·8	288·9	290·8	4th	285·2	284·1	21,22,23	287·1	*286·9*	0·0	62	..
1041	Livingstone	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041a	Elisabethville	17 51	25 51	972	911·1	1019·2	..	300·8	306·9	31st	282·7	278·9	5th	291·8	..	..	..	..
1042	Gwelo	11 39	27 28	1236	880·7	1015·5	+ 1·5	..	..	..	..	..	..	..	..	..	0	..
1043	Salisbury (Dept. Agric.)	19 26	30 2	1411	..	..	..	298·6	305·2	30th,31st	279·2	274·1	5th	287·9	..	- 0·6	0	- 2
1044	Zomba	17 48	31 5	1489	857·6	1019·8	+ 0·5	296·4	301·6	30th	280·3	274·2	4th	288·3	287·9	- 0·3	0	- 2
1045	Mosuril	14 57	40 40	15	913·1	1019·9	+ 2·0	296·3	301·9	30th	285·8	282·4	9th	290·9	*290·6*	- 0·4	1	- 8
1046	Antananarivo	18 55	47 33	1375	..	1019·9	..	300·5	..	..	290·4	..	..	295·5	295·5	..	3	..
1048	Cocos, Keeling Is.	12 5	96 53	4·6	1015·0	1015·8	+ 0·7	301·1	302·3	6th	297·3	294·9	23rd	299·2	*298·9*	+ 0·3	66	-54
1047	Christmas Island	10 25	105 43	5·5	1010·1	1010·8	+ 0·3	303·6	305·2	21,27,28	296·6	294·7	25th	300·1	*299·4*	+ 0·7	24	-31
1049	Kupang	10 10	123 34	45·1	..	1012·8	+ 0·5	305·3	307·5	28th	294·4	291·2	20th	299·9	299·1	+ 0·5	16	+13
1049a	Roebuck Bay	17 18	123 40	16·2	1013·3	1015·2	+ 0·5	304·9	310·5	20th	290·4	286·1	11th	297·7	..	+ 1·0	0	- 2
1049b	Darwin	18 13	127 46	373	973·7	1015·4	- 0·3	304·4	308·8	26th	283·8	277·1	9th	294·1	*293·4*	+ 0·5	0	- 2
1049c	Daly Waters	12 28	130 51	29·6	1009·8	1013·2	+ 0·7	304·8	307·1	31st	294·4	289·7	5th	299·6	*298·4*	+ 0·3	0	- 2
1049d	Katin	16 16	133 23	211	990·5	1014·4	+ 0·3	305·8	309·7	26th	286·6	281·3	6th,8th	296·2	*295·5*	+ 0·5	0	- 3
1049e	Georgetown, Queensland	18 22	143 32	302	982·2	1018·8	+ 0·8	302·8	308·3	28th,27th	289·2	281·9	1st	296·0	..	+ 1·7	0	- 5
1049f	Willis Island	16 18	149 59	8·5	1014·5	1015·6	..	299·8	301·1	21st	294·8	293·1	2nd	297·3	*297·2*	..	6	..
1049g	Samarai	10 37	150 40	6·1	..	1013·7	+ 0·7	300·7	..	..	295·8	..	..	298·3	*298·1*	+ 0·6	328	+109
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1014·6	1015·4	+ 1·1	298·3	301·9	1st,7th	293·3	290·8	18th	295·8	*295·6*	- 0·3	182	-29

BETWEEN LATITUDE 20° S. AND 30° S.

AUGUST – ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	298·6	300·8	17,25,26	291·3	288·0	4th,12th	294·9	*294·7*	+ 0·5	68	-51
1102	Punta Tortuga, Coquimbo	29 56	71 21	27	1016·7	1020·0	+ 1·9	288·0	291·3	28th	283·2	281·4	26th	285·6	*285·6*	+ 0·5	3	-16
1103	Iquique	20 12	70 11	6	1017·1	1017·8	+ 1·0	290·3	292·7	21st	..	..	..	..	*297·3*	- 1·5	0	0
1104	Catamarca	28 27	65 47	510	959·3	1018·9	+ 1·6	294·3	304·5	24th,25th	279·1	271·6	5th	286·7	*286·6*	- 1·4	11	+ 5
1105	Salta	24 46	65 28	1182	885·3	1017·3	+ 2·3	293·7	306·4	26th	278·2	268·9	5th	285·9	286·1	- 0·2	3	- 2
1106	Goya	29 9	59 15	37	1016·2	1020·6	+ 4·2	295·3	304·2	24th	282·8	276·2	1st	289·0	*288·5*	+ 0·3	10	-27
1107	Asuncion	25 17	57 41	93	1008·4	1019·4	+ 3·8	296·4	304·6	27th	287·2	279·8	1st	291·8	*291·3*	- 0·8	41	0
1108	Curityba	25 25	49 17	908	918·0	1021·6	+ 1·7	291·3	297·6	28th	281·6	273·3	1st	286·4	*285·6*	- 0·7	84	+ 1
1109	Rio de Janeiro	22 54	43 10	18·3	1018·4	1020·6	+ 1·8	297·3	304·0	29th	290·7	286·4	1st	294·0	293·4	- 0·1	4	-41
1110	22°-30°S. 50°-45°W.	††27 38	††48 2	§(36-41)	..	1019·9	..	..	..	Sea Temp. 289·5|-2·4	..	..	..	..	290·2	..	..	..
1111	Windhoek	22 34	E. 17 6	1727	834·0	1019·9	..	294·1	299·0	29th	280·5	273·8	12th	287·3	*286·9*	- 0·7	0	- 2
1112	O'Okiep	29 36	17 52	933	915·3	1022·1	+ 1·1	291·1	298·7	23rd	279·7	273·8	20th	285·4	*284·8*	+ 0·1	11	-11
1113	Kimberley	28 44	24 46	1216	..	..	..	293·9	301·3	25th	277·8	273·0	20th,30th	285·9	*285·3*	0·0	14	+ 8
1114	Johannesburg	26 11	28 4	1826	828·1	1024·1	+ 1·2	290·3	296·4	29th	278·9	272·2	9th	284·6	*284·2*	- 0·8	12	- 1
1115	Bulawayo	20 9	28 36	1349	873·7	1022·4	+ 1·0	295·2	303·1	31st	280·9	275·6	4th	288·1	*287·9*	- 1·0	0	0
1116	Durban	29 52	31 3	15·2	1022·7	1024·5	+ 2·2	294·3	297·3	7th	286·6	284·4	9th	290·4	*290·0*	- 0·7	57	+13
1117	Lourenço Marques	25 58	32 36	59·0	..	1024·0	+ 2·3	297·8	310·1	29th	286·4	282·0	4th	292·1	291·3	- 0·6	6	- 9
	Mauritius	20 6	57 33	55·2	1015·2	1021·7	+ 1·2	296·4	298·0	11th	290·0	287·7	12th	293·2	292·8	- 0·2	28	-32

For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see page 113.

AUGUST – ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	§Onslow	21 43	114 57	4·3	1014·3	1014·7	- 1·5	301·2	308·3	21st	286·8	282·8	6th	294·0	..	+ 1·8	5	- 5
1160	§Cue	27 27	117 52	454	965·8	1017·9	- 0·7	295·4	302·3	26th	280·8	277·4	29th,30th	288·1	..	+ 1·0	0	- 19
1161	§Nullagine	21 53	120 5	386	..	..	..	302·9	308·0	27th	283·1	274·7	6th	293·0	..	+ 2·3	0	- 8
1162	§Laverton	28 40	122 23	466	964·6	1018·0	- 1·7	296·5	306·3	27th	279·8	274·1	30th	288·2	*288·1*	+ 2·0	4	- 13
1163	§Alice Springs	23 38	133 37	587	951·3	1017·8	+ 0·4	299·5	306·1	29th	280·0	270·2	5th	289·8	*289·6*	+ 2·1	0	- 5
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	§Boulia	22 55	139 38	146	999·4	1016·3	- 0·8	301·3	307·0	24th	284·8	277·4	5th	293·1	*292·9*	+ 2·6	0	- 15
1165	§Thargomindah	27 58	143 43	123	1004·9	1019·3	+ 0·2	298·6	306·0	24th	282·5	274·2	5th	290·6	290·3	+ 3·2	1	- 14
1166	§Mitchell	26 32	147 52	336	981·5	1020·3	+ 0·9	296·9	303·7	24th	277·3	271·1	1st	287·1	..	+ 1·5	..	..
1167	§Rockhampton	23 24	150 30	11·3	1018·9	1020·3	+ 1·5	298·5	304·2	26th	285·1	279·1	1st	291·8	..	+ 0·5	1	- 21
1168	§Brisbane	27 28	153 2	41·6	1016·8	1021·3	+ 2·2	296·3	304·4	25th	283·8	278·4	2nd	290·1	*289·1*	+ 1·2	27	- 7
1170	Norfolk Island	29 4	167 59	14·9	1020·1	1022·0	+ 3·7	291·5	294·1	24th	286·9	282·2	20th	289·2	*288·8*	+ 0·3	111	- 70
		S.	E.															

AUGUST – ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	981·6	1023·3	..	284·9	288·0	28th	280·3	279·0	30th	282·6	*281·8*	..	57	..
1221a	Punta Tumbes	36 37	73 6	120	1005·8	1020·5	+ 1·7	286·0	288·0	8th	279·7	278·2	19th	282·9	*282·3*	- 0·3	42	- 36
1222	§Punta Angeles, Valparaiso	33 1	71 36	41	1015·8	1020·8	+ 2·4	288·1	293·8	31st	281·5	278·3	20th	284·8	*284·7*	+ 0·1	4	- 52
1222a	§Santiago	32 27	70 42	520	958·6	1020·3	+ 1·5	289·5	296·8	23rd,31st	277·0	273·0	19th	283·3	*282·4*	+ 0·1	15	- 53
1223	Cordoba	31 25	64 12	423	970·6	1020·9	+ 4·2	290·7	303·0	25th	277·6	269·7	5th	284·1	283·8	- 1·1	1	- 70
1224	Bahia Blanca	38 45	62 18	25	1018·4	1021·5	+ 4·4	289·1	295·5	29th	275·4	268·9	9th	282·2	*282·3*	- 0·1	..	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1020·1	1023·2	+ 4·7	288·4	297·6	25th	279·6	271·9	13th	284·0	283·7	+ 0·1	33	- 31
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1021·4	+ 4·1	..	300·3	25th	..	276·3	1st	..	*284·2*	- 1·1	80	- 26
1226a	Porto Alegre	30 2	51 13	23·5	1017·2	1020·0	+ 1·2	292·0	303·9	27th	284·4	273·4	1st	288·2	287·8	+ 0·3	136	+ 72
1226b	30°-35°S. 55°-50°W.	††33 12	††52 13	§(29-32)	..	1022·1	..	..	..	Sea Temp. 286·1	-0·7	..	..	..	286·2	..	..	..
1230	Cape Town	33 56	W. E. 18 29	12·2	1021·2	1022·7	+ 2·8	291·7	300·9	2nd	281·9	276·7	30th	286·8	*285·4*	+ 0·7	57	- 36
1240	Danger Point	34 37	19 18	27·7	1018·8	1022·2	+ 3·0	289·8	298·6	14th	282·2	278·0	9th	286·0	..	- 0·1	43	- 42
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·1	302·4	2nd	278·0	273·2	30th	286·0	..	- 0·2	47	- 42
1242	East London	33 2	27 55	44·8	1017·6	1023·0	+ 3·1	293·4	306·9	23rd	284·2	278·6	30th	288·8	..	+ 0·2	74	- 38
1259	§Perth (Observatory)	31 57	115 51	60·0	1010·3	1017·4	- 1·4	290·9	293·7	3rd	283·3	278·0	29th	287·1	*287·1*	+ 0·8	310	+ 166
1260	§Katanning	33 42	117 35	310	978·5	1015·2	- 2·7	289·0	293·0	3rd	279·9	274·1	29th	284·4	..	+ 1·0	82	+ 24
1261	§Coolgardie	30 57	121 10	423	968·2	1017·4	- 1·6	293·2	301·8	27th	279·0	274·9	6th	286·1	*286·0*	+ 1·2	30	..
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	§Streaky Bay	32 48	134 13	13·1	1018·3	1019·8	+ 0·3	291·9	298·3	17th	281·8	274·1	2nd	286·9	*286·6*	+ 1·1	20	- 15
1264	§Adelaide	34 56	138 36	42·7	1015·2	1020·3	+ 1·1	291·7	300·1	28th	281·2	274·9	1st	286·4	*286·3*	+ 1·2	21	- 12
1265	§Melbourne	37 49	144 58	35·1	1015·6	1019·8	+ 1·8	289·4	294·1	29th	279·4	273·6	3rd	284·4	*284·0*	+ 0·8	0	- 25
1266	§Bourke	30 13	145 58	110	1009·5	1022·5	+ 1·2	297·9	304·7	20th	281·1	274·1	5th	289·5	..	+ 2·9	..	..
1267	§Sydney	33 51	151 13	42·1	1015·0	1020·1	+ 2·0	292·8	299·6	29th	283·3	279·6	4th	288·1	*287·2*	+ 2·2	36	- 15
1268	Lord Howe Island	31 20	159 0	4·9	1021·1	1021·7	+ 3·1	291·8	294·9	20th	286·6	280·1	1st	289·2	..	+ 0·6	105	+ 49
1271	Auckland	36 50	174 50	13·4	..	1016·1	+ 1·3	287·7	289·1	26th,29th	281·4	276·3	10th	284·6	..	+ 0·4	85	- 10
1272	Napier	39 29	176 55	1·5	..	..	..	286·6	291·6	14th	279·2	272·7	11th	282·9	..	0·0	118	+ 43
		S.	E.															

AUGUST – ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	1004·0	1021·2	+ 6·7	281·5	283·2	19th	277·3	274·9	7th	279·4	*279·9*	- 0·3	208	+ 128
1322	Punta Galera	40 1	73 44	40	1016·8	1021·7	+ 4·5	284·4	286·4	17th	280·1	277·4	8th	282·3	*282·9*	+ 0·5	1	- 1
1323	Sarmiento	45 34	69 0	272	983·3	1016·3	+ 4·0	285·2	291·0	15th	274·1	265·9	11th	279·6	279·1	+ 0·8	4	- 1
1324	Puerto Madryn	42 49	W. 64 58	14	1016·2	1018·3	+ 4·7	288·4	294·5	29th	274·3	266·5	9th	281·4	282·4	+ 0·9	..	..
1365	§Launceston	41 27	E.147 10	10·1	1013·1	1014·3	- 0·3	286·7	289·9	8th	277·5	271·6	2nd	282·1	*281·6*	+ 0·7	63	- 54
1366	§Hobart	42 53	147 20	53·8	1005·6	1012·3	- 1·0	287·1	293·4	28th	279·2	275·2	14th	283·1	*282·6*	+ 1·2	54	- 54
1370	Invercargill	46 25	168 21	3·7	..	..	..	285·5	291·9	1st,20th	275·9	271·9	10th	280·7	..	+ 1·1	56	- 37
1371	Dunedin	45 52	170 31	6·1	..	1013·5	+ 0·3	285·1	290·2	29th	277·1	273·6	25th	281·1	..	+ 1·4	37	- 46
1371a	Christchurch	43 31	172 39	7·6	..	1013·8	+ 1·0	284·8	292·6	23rd	275·6	271·2	1st	280·2	..	+ 0·4	46	- 26
1372	Wellington	41 16	174 46	128	..	1014·5	0·0	284·2	286·3	4th	278·9	275·3	26th	281·6	281·4	- 0·6	260	+ 188
		S.	E.															

AUGUST – ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	997·5	1004·2	+ 2·1	279·8	281·6	22nd	275·9	273·5	7th	277·9	*278·6*	+ 1·4	337	+ 237
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1001·1	1004·6	+ 0·8	279·9	284·2	19th	275·1	271·0	8th	277·5	*277·9*	+ 2·3	11	- 13
1423	Punta Dungeness	52 24	68 26	5	1003·8	1004·4	+ 1·8	279·3	283·5	20th	274·5	270·9	8th	276·9	*276·9*	+ 1·0	13	- 1
1424	Santa Cruz	50 1	68 31	12	1007·3	1008·8	+ 2·6	282·5	290·5	20th	273·8	269·0	10,11,14	278·2	278·0	+ 1·5	1	- 1
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1005·0	+ 1·3	280·2	283·6	22nd	272·7	267·4	9th	276·4	..	+ 0·8	12	- 1
1426	Cape Pembroke	51 41	57 42	21·3	1003·1	1005·7	+ 1·9	279·2	282·4	22nd	274·2	269·7	9th	276·7	276·8	+ 0·9	148	+ 135
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	998·3	998·8	- 0·5	275·4	283·0	17th	269·2	261·0	11th	272·3	*272·6*	+ 1·3	..	..
		S.	W.															

AUGUST – ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	7	993·0	993·9	- 1·3	265·0	275·3	22nd	252·4	241·5	11th	258·7	260·1	- 3·2	26	- 7
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ¶Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, SEPTEMBER 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF SEPTEMBER, 1928
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

BETWEEN LATITUDE 80° N. AND 70° N. SEPTEMBER – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
104.																		
105	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
106	Barrow	71 23	156 17	**4·6	..	1010·8	- 2·0	274·0	278·6	19th	270·1	263·0	18th	272·1	..	0·0	4	- 5
186	Upernivik	72 47	56 7	19·2	1004·2	1006·5	- 1·9	..	..	..	275·4	271·9	14th	..	*277·7*	+ 3·9	35	+ 8
187																		
188	Wyggobukta	73 30	21 30	3·2	..	1010·1	..	..	288·0	23rd	..	265·0	19th	..	*273·0*	..	1	..
189	Scoresbysund	70 29	21 58	16·9	1007·6	1009·7	..	278·6	289·6	22nd	271·8	266·4	28th	275·2	*274·6*	..	57	..
190	Jan Mayen	70 59	W. 8 18	23·1	1005·0	1007·8	+ 0·1	..	280·4	8th	275·1	270·4	30th	..	*276·7*	+ 0·5	88	+38
139																		
140	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1006·1	1007·4	- 0·5	..	279·6	4th	272·3	263·7	26th	..	273·7	+ 0·6	48	+23
141	Björnöen	74 28	19 17	40·5	1002·6	1007·6	+ 1·2	..	283·6	4th	274·1	265·9	27th	..	*275·9*	+ 0·2	26	-24
142	Ingøy	71 4	24 6	4·3	‡1008·5	‡1009·4	+ 2·2	..	286·6	3rd	278·1	268·8	29th	..	*280·0*	0·0	88	+27
	Slethes	71 5	28 14	10·2	1008·9	1010·1	+ 1·9	..	291·2	11th	277·9	269·9	27th	..	*280·2*	..	63	..
143																		
147	Varlö	70 22	31 8	11·8	1009·3	1010·7	+ 2·0	..	287·8	11th	278·3	269·4	28th	..	*280·4*	+ 1·2	55	- 5
148	Malye Karmakouly	72 23	52 43	15·3	1009·2	1011·1	+ 2·1	276·5	287·0	6th	274·7	266·7	28th	276·6	*276·6*	+ 1·2	32	- 7
	Waigatz	70 24	58 47	11·2	1011·2	1012·6	+ 3·7	..	..	..	273·8	269·3	27th	..	*276·3*	+ 0·3	..	..
183																		
	Dickson	73 31	80 23	13·0	1007·4	1009·0	+ 0·8	..	..	..	274·1	268·8	24th	..	*275·8*	+ 4·3	45	+21
182																		
	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. SEPTEMBER – ZONE 2.

201.																		
203	Frecbrajenye	N. 64 52	W. 175 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204	Nome	64 30	165 24	6·7	1005·8	1006·8	- 0·1	280·4	284·1	12th	273·1	267·4	13th	276·8	*277·3*	- 1·5	80	+12
205	Bethel	60 45	161 47	11·6	..	1007·1	..	281·9	286·3	25th	275·4	269·1	16th	278·7	..	..	160	..
206	Tanana	65 10	152 6	69·5	1000·8	1008·8	- 0·4	282·1	288·0	3rd	273·6	264·7	14th	277·9	*277·4*	+ 0·2	81	+40
	Rampart	65 30	150 15	114	..	..	..	281·8	289·7	3rd	272·1	263·6	13th	276·9	..	- 1·3	44	+ 9
207																		
208	Valdez	61 7	146 16	122	..	..	..	282·3	286·9	13th,29th	275·7	272·4	14th,19th	279·0	..	..	374	..
209	Eagle	64 46	141 12	248	979·0	1010·1	+ 0·2	280·2	289·1	1st,2nd	272·4	262·4	18th	276·3	*276·4*	- 2·3	17	-15
210	Dawson	64 4	139 29	324	971·0	1010·3	0·0	283·6	291·3	1st	271·9	265·2	29th	277·7	*277·9*	- 0·6	25	-12
211	Mary Landing	63 35	135 51	579	950·7	1020·4	..	284·1	293·0	1st	271·3	260·8	15th	277·7	*277·9*	..	29	..
212	§Fort Good Hope	66 25	128 53	65·2	1004·2	1012·3	- 1·8	282·4	295·2	1st	272·4	264·1	18th	277·4	..	+ 0·5	17	- 1
213	Fort Simpson	61 52	121 35	129	? 994·9	?1010·6	- 0·1	290·2	?299·7	2nd	?275·2	?270·2	20th	?282·7	..	..	..	..
	Hay River	60 51	115 20	161	991·9	1011·5	+ 0·8	286·9	299·7	2nd	274·1	266·3	20th	280·5	..	- 0·5	17	-23
214																		
215	Jacobshavn	69 13	51 2	31·6	999·9	1003·8	- 3·6	280·2	287·6	1st	275·3	270·9	30th	277·7	*278·2*	+ 3·2	26	- 9
216	Godthaab	64 10	51 43	20	..	..	..	282·4	288·0	22nd	276·3	273·0	21st	279·3	*279·6*	+ 2·4	22	-61
217	Ivigtut	61 12	48 10	30·0	1001·0	1004·7	- 0·8	282·7	292·7	22nd	276·0	273·0	16th	279·3	*279·4*	+ 1·4	100	-53
218	Angmagsalik	65 37	37 33	29·3	1002·6	1006·2	- 1·8	281·4	286·6	25th	274·8	269·9	28th	278·1	*278·0*	+ 1·9	82	-16
219																		
220	Stykkisholm	65 5	22 46	25	..	1006·6	- 0·1	285·2	288·5	22nd	279·6	272·6	27th	282·4	*282·0*	+ 2·2	105	+36
221	Vestmanno	63 24	20 17	132	..	1007·5	+ 1·2	283·9	285·7	9th	280·1	275·9	28th	282·0	*281·7*	+ 1·2	173	+28
222	Grimsey	66 33	18 1	22·0	..	1006·8	- 1·0	283·3	286·5	2nd	278·2	272·8	19th	280·7	*280·4*	+ 1·7	31	- 3
223	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
224	Teigarhorn	64 41	14 22	18·0	..	1008·6	+ 1·2	285·9	291·7	23rd	278·3	272·1	28th	282·1	*281·8*	+ 1·8	120	- 3
225	Hjlvig	62 3	6 45	22·9	1011·1	1013·9	+ 3·9	285·1	287·4	2nd	280·0	273·4	30th	282·5	*282·5*	+ 0·4	65	-55
226	Lerwick	60 8	W. 1 11	18·0	..	1015·3	+ 3·9	285·7	290·2	8th	281·8	277·4	26th,29th	283·7	*283·6*	+ 0·4	64	-12
227																		
228	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1010·4	1015·8	+ 4·1	286·9	294·5	9th	280·8	275·2	30th	283·9	*283·6*	- 0·3	216	+22
229	Ålesund	62 28	6 10	6·3	1014·7	1015·5	+ 5·1	..	291·6	9th	281·0	274·5	28th	..	*282·3*	- 0·5	183	+26
230	Trondhjem	63 26	10 25	59·2	1007·8	1015·1	+ 3·9	285·2	292·4	10th	278·4	270·7	28th	281·8	*281·7*	- 0·7	83	+ 1
231	Röds	67 17	**14 24	**17·0	‡1010·8	1013·5	+ 4·0	..	290·5	10th	278·6	272·5	28th	..	*281·2*	- 0·5	110	- 3
232	Haparanda	65 50	24 9	9·2	1012·8	1013·9	+ 3·4	285·1	291·0	15th	276·5	268·0	28th	280·8	*280·8*	+ 0·1	24	-36
233	Hälsingfors	60 10	24 57	11·7	1013·4	1014·8	+ 1·6	286·4	290·6	6th	280·7	270·6	30th	283·5	*283·4*	- 0·3	65	+ 1
234	Kuopio	62 55	27 40	233	987·1	1015·4	+ 3·9	284·4	288·7	13th	278·5	270·0	28th	281·5	*281·1*	- 0·7	57	- 7
235																		
236	Kola	68 53	33 1	6·7	1011·1	1011·9	+ 2·4	283·5	291·0	11th	275·1	261·5	29th	279·3	*279·3*	+ 0·2	41	+ 4
237	Petrozavodsk	61 47	34 23	79·0	1004·8	1014·5	+ 1·4	285·5	290·2	6th	278·2	266·3	30th	281·8	*281·7*	- 0·4	75	+13
238	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
239	Mezen	65 50	44 16	14·9	1012·2	1014·0	+ 3·7	284·7	289·5	12th	276·1	268·5	29th	280·4	*280·0*	+ 0·8	44	- 5
240	Ust-Tsylma	65 25	52 18	68	1006·4	1014·8	+ 4·2	284·3	290·8	4th	275·9	267·6	14th	280·1	*279·9*	+ 0·5	49	- 8
241	Icherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
242																		
243	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Obdorsk	66 31	66 35	35·2	1012·6	1017·0	+ 5·3	282·6	290·0	3rd	276·9	272·6	30th	279·8	*279·7*	+ 1·7	41	+ 1
245	New Port	67 42	72 57	3·3	..	..	..	280·6	287·9	3rd	274·8	268·2	20th	277·7	*277·8*	..	38	..
246	Gourgout	61 15	73 24	48	1012·6	1018·5	+ 6·2	..	..	..	..	..	..	..	*281·6*	+ 0·9	42	- 6
247	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
248	Touroukhansk	65 47	87 57	45·0	1008·7	1014·2	+ 1·9	..	..	..	..	..	..	..	*278·9*	+ 1·1	47	- 4
249																		
250	Filiouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Yakoutsk	62 1	129 43	108	998·0	1011·2	- 1·0	..	..	..	..	..	..	..	*277·3*	- 1·8	6	-19
252	Verkholansk	67 33	133 24	100	991·4	1003·8	- 6·1	..	..	..	..	..	..	..	*273·9*	- 1·4	18	+ 5
253	§Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254																		
255	Natakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
256	Novo Mariinskii Post	64 45	177 33	22·7	1006·0	1008·8	- 1·9	..	..	..	..	..	..	..	*276·5*	- 0·5	20	- 8
257																		
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
**Narrow. Height changed from 7·0m. to 4·6m. from September 1st. ¶Change of normals, see page 105.
***Röds. Station moved to 14° 24′ E., 17·0m. from September 1st.

RÉSEAU MONDIAL

SEPTEMBER – ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	1010·1	+ 3·4	280·8	283·6	1st	276·9	274·1	10th,15th	278·8	..	- 1·3	119	+59
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1010·8	1011·2	+ 3·7	285·3	293·0	10th,11th	276·8	272·4	21st	281·1	*281·3*	- 0·5	..	..
304	Chernofski Harbor	54 27	166 42	7	..	..	..	283·8	289·1	10th	277·7	271·9	23rd	280·7	..	..	92	+23
305	Dillingham	59 0	158 28	24·4	..	..	..	281·3	288·0	27th	274·0	267·4	1st	277·7	..	- 3·9	121	-59
306	Kodiak (Radio)	57 47	152 22	4·6	1003·4	1004·0	- 3·1	287·0	290·8	3rd,19th	278·5	275·2	14,19,21	282·7	*282·0*	- 0·3	59	-39
309	Sitka	57 3	135 19	19·8	..	..	..	287·8	296·3	23rd	279·9	273·0	29th	283·9	..	- 0·1	232	+96
310	Prince Rupert	54 18	130 18	51·8	1010·3	1010·6	+ 2·5	288·6	297·4	22nd	281·3	277·4	7th	284·9	*285·1*	0·0	201	+36
311	Barkerville	53 2	121 35	1274	869·6	1013·1	- 0·2	288·0	296·3	1st,2nd	274·7	268·0	30th	281·3	*281·1*	+ 0·9	57	-11
312	∮Kamloops	50 41	120 29	385	971·1	1018·1	- 1·4	294·9	306·3	1st	281·4	276·3	8th	288·2	*288·6*	+ 0·8	9	-33
313	Calgary	51 2	114 2	1058	895·5	1015·6	+ 3·0	294·1	303·6	3rd	275·2	265·2	27th	284·7	*283·7*	+ 1·3	1	-34
314	Fort Chipewyan	58 42	111 10	218	984·4	1010·6	- 1·4	288·6	302·4	12th	276·3	267·4	25th	282·4	*282·9*	+ 2·5	17	-35
315	Prince Albert	53 10	105 38	437	961·9	1013·8	+ 0·3	290·8	301·9	18th	275·2	265·2	25th	283·0	*282·4*	0·0	5	-36
316	Qu'Appelle	50 30	103 47	651	939·6	1015·9	+ 2·1	291·9	304·1	18th	275·8	254·1	25th	283·8	*282·7*	- 0·1	10	-35
317	Minnedosa	50 15	99 50	515	953·1	1014·0	+ 0·1	289·8	301·4	18th	276·1	267·4	25th	282·9	*282·1*	- 1·2	5	-35
318	Berens River	52 18	97 23	216	..	..	..	288·0	295·8	6th	274·8	268·0	24th	281·4	..	- 3·8	55	-30
318a	Port Nelson	57 0	92 51	14·9	1007·2	1009·0	- 3·5	284·1	298·0	4th	275·2	270·2	10th,23rd	279·7	..	- 0·1	15	-36
319	Pagwa	50 3	85 18	189	..	..	..	288·6	294·1	1,6,21	275·2	266·3	28th,29th	281·9	..	- 2·2	40	-36
320	Moose Factory	51 14	80 30	9·1	1009·5	1010·6	- 3·0	288·0	299·1	7th	275·8	266·3	25th	281·9	..	- 1·9	41	-36
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	+20
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	223	+20
324	∮Natashquan	50 8	61 48	6·1	..	..	..	..	295·2	8th	..	270·8	24th	..	..	..	..	+45
328	Belle Isle	51 53	55 23	130	994·8	1011·0	- 1·2	283·5	294·1	5th	..	271·3	29th	281·9	..	- 0·3	93	-35
333a	62°-57°N. 20°-15°W.	††59 16	††17 22	§(46)	..	..	..	..	..	4th,9th Sea Temp.	278·8	275·2	10th	281·2	*281·0*	+ 0·5	..	..
334	Valentia Observatory	51 56	10 15	13·7	1017·2	1018·9	+ 3·3	..	..	284·8]+0·1	..	..	..	..	285·1	..	119	+68
335	Aberdeen	57 10	W. 2 6	28·0	1014·7	1017·8	+ 4·4	288·9	292·0	1st	283·3	276·8	24th	286·1	286·3	- 0·3	88	+36
336	Greenwich	51 28	0 0	46·3	..	1020·5	+ 4·3	287·0	291·0	3rd,12th	280·9	275·0	29th	283·9	283·9	- 0·5	17	-26
337	Uccle	50 48	E. 4 22	100	1007·8	1019·9	+ 3·5	293·2	301·3	5th,8th	280·8	274·1	27th	286·9	286·5	- 0·3	..	..
338	De Bilt	52 6	5 11	3·0	1019·7	1020·1	+ 3·7	294·0	303·0	9th	281·1	274·0	23rd	287·5	286·3	- 0·3	24	-46
338a	Hamburg	53 33	9 58	40·3	1015·2	1020·2	+ 3·8	292·7	302·6	10th	280·0	273·0	26th	286·3	285·7	- 1·2	42	-24
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1017·6	1018·2	+ 2·9	291·5	303·7	9th	281·7	274·6	30th	286·6	*286·0*	- 0·6	17	-24
340	Potsdam	52 23	13 4	84·9	1009·4	1019·7	+ 2·9	290·1	296·9	6th	281·8	273·1	30th	285·9	*285·9*	+ 0·7	0	-41
340a	Uppsala	59 51	17 38	24	1012·8	1015·7	+ 3·0	293·1	304·0	9th	281·3	275·8	24th	287·2	286·5	+ 0·2	45	-20
341	Warsaw	52 13	21 3	89·9	1008·3	1019·1	+ 0·8	288·1	294·8	9th	278·7	268·1	29th	283·4	283·2	0·0	61	+16
342	Tartu (Ülikooli)	58 23	26 43	80·8	1005·3	1015·1	+ 0·9	292·0	301·6	6th	282·0	276·5	28th	287·0	*286·6*	..	106	+61
343	Leningrad	59 56	30 16	8·6	1013·5	1014·5	+ 0·9	292·0	303·0	9th	281·2	274·0	23rd	287·5	286·3	- 0·3	24	-46
344	Kiiv	50 27	30 30	183	..	..	..	292·7	302·6	10th	280·0	273·0	26th	286·3	285·7	- 1·2	42	-24
344a	Moscow	55 50	37 33	187	997·0	1017·2	+ 1·2	291·5	303·7	9th	281·7	274·6	30th	286·6	*286·0*	- 0·6	17	-24
345	Saratov	51 32	46 2	127	1004·8	1020·2	+ 3·8	290·1	296·9	6th	281·8	273·1	30th	285·9	*285·9*	+ 0·7	0	-41
346	Kazan	55 47	49 8	79·9	1009·9	1019·6	+ 3·5	289·9	298·4	3rd	280·7	?272·7	29th	285·3	*284·9*	+ 0·9	49	-12
347	Orenburg	51 45	55 6	109	1007·0	1020·2	+ 2·4	292·2	300·4	4th	281·9	276·0	18th	287·0	*286·2*	+ 0·1	28	-33
348	Perm	58 1	56 16	163	999·8	1019·6	+ 5·2	..	..	..	..	..	..	..	*283·8*	+ 1·7	113	+46
349	Sverdlovsk	56 50	60 38	281	986·0	1019·9	+ 5·7	..	..	..	..	..	..	..	*283·4*	+ 1·6	56	+16
350	Tobolsk	58 12	68 14	108	1007·2	1020·3	+ 5·8	..	..	..	..	..	..	..	*284·3*	+ 1·8	35	+16
351	Akmolinsk	51 12	71 23	347	976·8	1018·2	0·0	..	..	..	..	..	..	..	*283·7*	+ 1·5	49	+19
352	∮Omsk	55 1	73 19	108	1006·4	1019·5	+ 3·7	..	..	..	..	..	..	..	*283·9*	+ 0·2	53	+20
353	Barnaoul	53 20	83 48	182	999·9	1019·5	+ 2·2	..	..	..	..	..	..	..	*284·4*	+ 0·8	22	+10
354	Tomsk	56 30	84 58	123	1004·2	1019·1	+ 3·1	..	..	..	..	..	..	..	*282·4*	+ 0·3	22	+10
355	Minousinsk	53 43	91 41	249	989·2	1019·2	+ 1·3	..	..	..	..	..	..	..	*283·2*	+ 0·1	24	+10
356	Eniseisk	58 27	92 10	81·2	1007·8	1017·7	+ 2·0	..	..	..	..	..	..	..	*281·1*	- 0·4	39	+17
357	Irkutsk	52 16	104 19	467	963·0	1018·8	+ 0·6	..	..	..	..	..	..	..	*281·1*	+ 0·2	37	+16
358	Kirensk	57 47	108 7	278	983·6	1017·5	+ 1·4	..	..	..	..	..	..	..	*279·9*	- 0·3	70	+45
359	Tchita	52 2	113 30	685	932·3	1012·7	- 1·3	..	..	..	..	..	..	..	*280·9*	- 0·4	52	+30
360	Nertchinskii Zavod	51 19	119 37	621	940·0	1013·1	- 0·5	..	..	..	..	..	..	..	*280·8*	- 1·0	86	+61
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	992·0	1009·0	- 3·5	..	..	..	..	..	..	..	*283·9*	- 1·2	85	+39
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1001·5	1006·6	- 4·2	..	..	..	..	..	..	..	..	..	82	+28
366	Okhotsk	59 21	143 17	6·0	1006·0	1006·7	- 4·7	..	..	..	..	..	..	..	*283·3*	- 0·6	94	+40
368	Petropavlovsk (Phare)	52 53	158 43	87·1	999·4	1010·0	- 0·4	..	..	..	..	..	..	..	*280·8*	+ 0·4	78	+37
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	*282·6*	+ 0·5	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See 'Remarks' page 106.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

SEPTEMBER – ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·0	1016·5	+ 0·3	290·4	300·8	22nd	282·9	280·7	20th	286·7	*286·2*	+ 0·3	11	-35
412	Portland, Oregon	45 32	122 41	46·6	1011·5	1016·9	+ 0·2	294·2	305·2	22nd	284·6	279·1	19th	289·4	*289·4*	+ 0·3	17	-30
413	Macleod	49 44	113 24	953	..	..	..	295·2	303·0	4th	277·2	265·8	27th	286·2	*286·0*	+ 1·6	8	-24
414	Helena	46 34	112 4	1253	875·4	1016·2	+ 0·9	293·6	301·9	3rd	279·2	274·7	27th	286·4	*286·4*	+ 0·2	1	-30
414a	Salt Lake City	40 46	111 54	1329	868·0	1013·9	+ 0·3	299·6	308·3	5th	285·4	278·0	13th	292·5	*293·1*	+ 1·2	4	-20
415	Cheyenne	41 8	104 48	1856	816·0	1015·6	+ 0·6	294·3	302·4	6th	279·6	272·4	25th	287·0	*287·6*	+ 0·2	2	-27
416	North Platte	41 8	100 45	860	917·9	1016·2	+ 0·2	296·2	309·7	8th	281·6	271·9	27th	289·9	*289·4*	- 0·5	24	-11
417	Bismarck	46 47	100 38	510	955·2	1015·6	+ 0·2	293·6	305·2	6th	279·3	268·0	25th	286·4	*286·5*	- 1·1	29	- 3
418	Winnipeg	49 53	97 7	232	985·9	1013·8	+ 0·1	291·2	300·4	6th	278·9	271·3	25th	285·1	*284·1*	0·0	16	-40
418a	Duluth	46 47	92 6	345	973·5	1014·9	- 0·3	288·6	297·4	1st	279·3	270·8	23rd	283·9	*283·3*	- 2·0	98	+11
420	Port Arthur	48 27	89 12	196	990·8	1014·4	- 1·2	288·0	296·9	7th	279·1	271·3	25th	283·6	*283·1*	- 1·0	105	+21
421	Chicago	41 47	87 35	205	992·8	1017·3	0·0	293·9	304·1	14th	284·8	274·7	26th	289·3	*288·7*	- 2·8	47	-32
422	Toronto	43 40	79 24	116	1002·7	1016·6	- 1·4	292·2	299·2	12th	282·1	273·9	28th	287·1	*286·7*	- 1·6	72	+ 4
423	∮New York (Central Park)	40 47	73 58	47·4	1012·0	1017·6	- 1·3	294·9	302·4	12th,13th	287·4	279·1	26th	291·2	*290·8*	- 1·6	93	+ 3
424	St. John, N.B.	45 17	66 4	36·3	1013·0	1017·4	- 0·1	289·3	295·8	9th	282·0	275·8	30th	285·7	*285·5*	- 0·6	124	+29
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1013·7	1014·8	+ 1·5	284·7	291·3	8th	279·1	274·7	29th	281·9	*282·1*	- 0·4	20	-49
424b	Cable Island (Main Station)	43 57	60 6	7·6	1016·4	1017·3	- 0·2	291·3	295·2	17th	286·3	281·3	27th,29th	288·8	*288·8*	+ 0·5	158	+72
425	Port aux Basques	47 35	59 10	9·1	1014·4	1015·5	+ 0·1	287·8	286·6	3rd	280·9	276·1	13th	284·3	*284·3*	0·0	134	+20
426	St. John's, Newfoundland	47 34	52 42	74·2	1006·1	1015·1	+ 0·5	..	..	..	..	..	..	284·8	..	- 0·3	88	- 8
427	Madrid	40 24	3 41	667	940·4	1016·1	- 0·5	297·7	304·5	5th	284·4	282·6	25th	291·0	*291·3*	- 0·7	98	+63
428	Nantes	47 15	W. 1 34	36·5	1013·5	1017·9	+ 0·2	295·9	303·0	8th	282·9	275·8	25th	289·4	289·2	+ 0·6	7	-47
429	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1013·4	1019·4	+ 1·6	294·9	303·6	8th	282·0	277·0	23rd	288·4	288·2	+ 0·5	29	-24
429a	Marseille	43 18	5 23	75	..	1015·0	- 1·2	298·5	302·6	10th	288·0	278·5	24th	293·2	*292·0*	- 0·1	22	-39
430	Zürich	47 23	8 33	493	961·3	1019·0	+ 0·5	292·7	302·1	9th	283·0	276·1	23rd	287·8	286·9	- 0·1	85	-18
431	Vienna	41 54	12 27	45·5	1010·5	1015·7	- 1·0	300·6	305·6	10th	291·1	282·5	25th	295·8	*295·8*	+ 1·9	160	+95
432	Budapest	48 15	16 22	203	994·8	1019·0	+ 1·4	292·0	302·4	10th	284·0	275·9	25th	288·0	287·7	- 0·8	76	+26
433	Sofia	47 31	19 1	130	1002·9	1018·3	+ 0·8	296·5	307·7	9th	285·1	276·9	25th	290·8	290·1	+ 1·0	83	+ 8
434	Bucharest	44 25	26 6	82	1009·5	1019·2	+ 1·7	299·6	304·3	14th	285·7	278·9	28th	292·7	292·0	+ 1·5	45	+ 5
435	Odessa (Observatory)	46 26	30 46	42·8	1014·9	1020·0	+ 2·1	294·4	304·6	8th	286·7	280·3	30th	290·5	*290·3*	+ 0·5	4	-28
436	Kharkiv (Univ.)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
437	Novorossiisk	44 44	37 49	37·1	1013·2	1017·6	+ 1·6	297·7	302·4	1st	288·3	282·1	29th	293·0	*292·8*	+ 0·7	34	-20
438	Tiflis	41 43	44 48	404	970·7	1017·0	+ 0·7	297·9	304·1	1st	289·2	283·6	30th	293·5	293·3	+ 1·2	42	- 8
439	Astrakhan	46 21	48 2	-13·8	1022·1	1020·4	+ 2·5	..	..	..	..	..	..	..	*289·8*	- 0·2	20	+ 6
440	Fort Alexandrovsk	44 31	50 7	-23·0	1021·8	1019·1	+ 2·1	..	..	..	..	..	..	..	*291·9*	+ 0·1	4	-11
441	Krasnovodsk	40 0	52 59	-4·6	1016·8	1016·3	+ 1·0	..	..	..	..	..	..	..	*296·2*	- 0·3	0	- 5
442	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	283·2	278·2	18th	..	*289·1*	- 0·4	11	+ 3
443	Tashkent	41 20	69 18	478	961·2	1016·3	+ 2·0	299·0	303·2	1,7,8	283·0	276·3	19th	291·0	*290·9*	- 1·2	0	- 4
444	Naryn-koe	41 26	76 13	2015	797·0	..	+ 0·1	290·3	294·1	6th	276·8	271·0	20th	283·1	*282·4*	- 2·9	17	+ 2
445	Alma Ata	43 16	76 53	841	921·6	1017·1	+ 2·1	293·6	301·8	1st	282·2	273·9	20th	287·9	*287·8*	..	63	+36
446	Moukden	41 48	123 23	43·8	1008·1	1013·3	- 0·5	297·5	303·2	13th	284·6	273·1	25th	291·1	290·3	+ 0·6	46	-32
447	Joshin	40 40	129 11	31·9	1009·8	1013·6	- 0·2	296·1	302·1	7th	287·2	278·1	25th	291·7	291·3	+ 0·6	310	+192
448	Yuki	42 20	130 24	63·8	1005·3	1012·8	- 0·8	294·2	300·5	7th	286·0	276·6	26th	290·1	290·3	+ 0·7	247	+141
449	Vladivostok	43 7	131 54	128	997·6	1012·9	- 1·4	..	..	..	..	..	..	..	*290·0*	+ 0·4	113	+ 1
449a	Ochiai	47 20	142 47	27·4	1008·0	1011·3	- 1·3	294·3	301·9	7th	282·7	273·0	28th	288·5	288·1	+ 2·4	41	-73
449b	Nemuro	43 20	145 35	26·7	1010·7	1013·9	0·0	294·4	302·0	8th	287·6	282·3	28th	291·0	290·4	+ 2·3	149	+ 8
449c	Syana	45 14	147 53	39·3	1009·5	1014·2	+ 0·3	292·5	298·6	6th	285·2	276·5	23rd	288·9	289·0	+ 2·7	142	+45
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

SEPTEMBER – ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
451	San Francisco	37 48	122 26	47·2	1008·2	1013·9	- 0·3	293·6	310·2	21st	285·1	283·0	3rd	289·3	*288·5*	+ 0·8	1	- 7
452	Sacramento	38 35	121 30	21·0	1009·4	1011·8	- 0·5	303·6	311·9	21st	286·2	282·4	9th	294·9	*295·0*	+ 1·2	0	- 7
453	San Diego	32 43	117 10	26·5	1008·4	1011·5	- 0·8	295·2	299·7	7th	288·8	287·4	21st	292·0	*291·8*	- 0·4	0	- 2
454	Modena	37 48	113 54	1668	834·7	1012·5	0·0	300·4	304·7	3rd	279·2	272·4	13th	289·8	*290·2*	+ 1·7	5	-21
455	Santa Fé	35 41	105 57	2138	791·5	1013·9	+ 1·0	297·1	300·8	16th	281·7	276·3	22nd	289·4	*289·4*	+ 0·5	3	-36
456	Denver	39 45	105 0	1613	839·9	1015·9	+ 0·7	297·4	305·2	7th	282·6	275·2	27th	290·0	*290·6*	+ 0·1	2	-24
457	Abilene	32 23	99 40	530	955·5	1015·9	+ 0·7	303·1	308·6	12th	290·6	282·4	24th	296·8	*295·8*	- 0·3	14	-51
458	Saint Louis	38 38	90 12	173	997·6	1017·9	+ 0·7	297·9	306·9	13th	287·4	279·1	24th	292·7	*292·3*	- 1·5	43	-38
460	Mobile	30 41	88 2	17·4	1013·2	1015·2	- 0·6	302·6	306·9	15th	293·7	285·8	25th	298·1	*297·1*	0·0	118	-15
461	Nashville	36 10	86 47	166	998·6	1018·3	+ 0·1	299·4	305·2	13th	287·2	278·6	24th	293·3	*293·2*	- 1·9	17	-71
462	Charleston	32 47	79 56	14·6	1014·0	1015·6	- 1·8	300·8	306·3	14th	293·8	287·4	25th	297·3	*297·6*	- 0·3	363	+237
463	Washington	38 54	77 3	34·1	1013·6	1017·6	- 1·0	295·7	304·7	13th	286·8	278·0	25th	291·3	*291·0*	- 1·8	109	+22
464	Bermuda	32 17	64 46	46·0	1014·0	1019·3	+ 2·0	303·4	306·6	8th	295·2	293·3	30th	299·3	*299·3*	+ 0·5	196	+64

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107.

RÉSEAU MONDIAL

SEPTEMBER – ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	∮Santa Cruz (Flores)	39 27	31 9	40	1014·9	1019·5	- 2·3	295·2	299·7	3rd	289·6	285·9	30th	292·4	292·4	- 1·8	90	-38
531	Horta	38 32	28 38	65	1011·4	1019·2	- 2·3	295·2	299·7	3rd	290·0	287·0	30th	292·6	292·1	- 2·1	128	+42
532	Ponta Delgada	37 44	25 40	22	1015·7	1018·3	- 2·5	294·8	296·9	13th	290·3	287·8	30th	292·5	292·5	- 1·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	76	- 9
533	Madeira (Funchal)	32 38	16 55	25	1015·1	1018·0	- 1·2	297·3	301·0	4th	293·1	291·0	30th	295·2	*295·3*	+ 0·4	106	+70
535	Lisbon	38 43	9 9	95	1004·3	1015·4	- 1·5	298·4	304·4	15th	290·7	288·6	8th	294·5	294·0	+ 0·8	23	- 3
535a	Melilla	35 17	2 59	40	..	..	..	300·2	304·3	28th	293·8	291·7	19th	297·0	*297·1*	- 1·0	68	+36
536	Gibraltar	36 6	5 21	16·2	..	1015·9	- 1·5	300·3	304·1	2nd	293·1	289·7	18th	296·7	*296·2*	+ 1·3	3	- 2
536a	Colomb-Béchar	31 36	W. 2 4	769	929·9	1013·1	..	306·9	313·0	1st	291·3	285·0	27th	299·1	*299·2*	- 0·6	..	..
537	Palma	39 34	E. 2 39	23	1013·0	1015·7	- 2·5	302·2	305·2	8th	290·9	285·0	24th	296·5	*296·0*	+ 0·2	59	+ 7
538	Algiers (Bouzaréah)	36 48	3 2	342	976·3	1015·8	- 0·1	299·8	305·8	2nd	292·6	287·9	24th	296·2	295·8	+ 1·4	155	+126
538a	Gadames	30 9	9 30	351	..	..	..	314·4	317·7	2nd	293·2	290·0	12th	303·8	..	+ 2·4	5	+ 4
539	Tunis	36 48	10 10	75	1008·5	1017·2	..	302·6	310·8	28th	292·5	289·4	20th	297·6	*297·4*	+ 0·6	74	+50
539a	Malta	35 54	14 31	71·2	..	1016·7	+ 0·8	300·8	303·6	30th	294·8	291·3	6th	297·8	*297·1*	+ 0·4	58	+41
540	Riposto	37 41	15 14	14·2	..	1017·9	+ 0·1	299·0	301·2	13th	292·5	290·5	5th	295·7	*296·9*	+ 0·5	106	+58
541	Athens	37 58	23 43	107	1003·3	1015·6	+ 0·5	303·5	308·1	16th	294·1	291·9	21st	298·8	298·1	+ 1·9	0	- 2
542	Alexandria	31 12	29 53	32·0	1009·8	1013·5	- 0·1	303·6	307·0	23rd	296·0	293·8	11th	299·8	*299·2*	+ 1·0	0	- 4
543	Ankara (Angora)	39 58	32 48	861	918·2	1014·2	- 1·0	299·7	303·5	22nd	284·3	279·7	6th	292·0	*292·1*	..	0	- 7
543a	Nicosia (P.W.D.)	35 9	33 22	159	992·6	1010·4	0·0	307·0	310·8	20th	292·2	289·1	16th	299·6	..	+ 1·2	8	- 7
544	Beirut	33 54	35 28	33·7	..	1011·5	- 0·4	303·9	305·0	6th	296·5	295·1	17th	300·2	*300·0*	+ 1·0	0	- 7
545	Hinaidi	33 17	44 29	32·3	1003·5	1007·2	+ 0·8	314·1	318·0	6th	294·6	290·8	27th	304·4	*305·3*	+ 0·7	..	..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	0	- 7
547	Tehran	35 41	51 25	1220	..	..	..	303·2	306·6	2nd	289·8	284·7	18th	296·5	*296·3*	- 1·5	0	- 7
548	Meshed	36 17	59 38	946	879·1	..	..	300·7	306·4	2nd,3rd	280·8	274·7	19th	290·7	..	- 1·2	0	- 7
549	Seistan	31 0	61 30	610	..	..	..	308·7	310·7	3rd	291·9	285·2	20th	298·8	..	- 0·6	0	- 7
550	Quetta	30 12	67 0	1673	832·7	..	+ 0·8	302·9	306·4	6th	279·9	274·6	25th	291·4	*291·2*	- 1·4	1	- 7
551	Peshawar	34 2	71 37	339	968·1	1006·0	- 0·1	309·1	311·4	8th	294·8	289·7	30th	301·9	*301·3*	+ 0·5	6	- 7
551a	Lahore	31 34	74 20	214	980·9	1004·8	- 0·1	308·4	311·7	23rd	296·2	291·3	30th	302·3	*301·9*	- 0·4	106	+68
552	Simla	31 7	77 8	2202	780·7	..	0·0	293·6	295·2	21st	287·0	282·8	29th	290·3	*290·1*	+ 0·6	92	+ 9
552a	Leh	34 10	77 42	3503	667·4	..	+ 0·1	294·2	298·9	6th	278·2	274·4	29th	286·2	*285·0*	- 0·1	2	- 7
559	Hankow	30 35	114 17	37·0	1008·6	1012·9	- 0·5	303·8	308·9	1st	293·1	286·7	25th	298·5	*297·9*	+ 1·1	63	- 3
560	Tientsin	39 9	117 9	6·4	1013·9	1014·6	0·0	298·1	304·1	12th	288·6	277·7	25th	293·3	*293·4*	- 0·4	89	+47
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1009·7	1010·5	- 1·7	301·5	305·4	8th	292·6	286·7	27th	297·0	296·3	+ 0·5	321	+253
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1005·2	1013·1	+ 0·3	298·1	304·3	2nd	289·3	278·3	25th	293·7	293·3	0·0	258	+88
562a	Nagasaki	32 44	129 52	133	996·3	1011·5	+ 0·1	301·2	304·4	13th	294·5	285·5	28th	297·9	297·1	+ 0·6	287	+96
563	Kyoto	35 1	135 44	42·9	1008·2	1013·2	+ 1·2	302·9	306·9	2nd	292·6	283·0	27th	297·7	297·0	+ 1·8	118	-123
564	Tokyo	35 41	139 46	5·8	1013·6	1014·3	+ 1·1	300·9	305·2	1st	293·2	285·3	28th	297·1	296·9	+ 2·0	84	-120
565	Hukusima	37 45	140 28	68·5	1006·3	1014·2	+ 0·9	301·6	307·0	14th	291·7	280·6	27th	296·7	296·0	+ 3·0	55	-146
566	Miyako	39 38	141 59	30·4	1010·1	1013·6	+ 0·1	300·2	306·9	14th	289·9	281·5	28th	295·1	294·1	+ 2·7	32	-146
		N.	E.															

SEPTEMBER – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1015·2	1015·9	- 0·1	300·8	303·0	6th	293·2	288·6	26th	297·0	*296·5*	- 1·7	207	+98
605	Honolulu	21 19	157 52	11·6	1015·0	1016·2	+ 0·5	301·1	301·9	26th	295·9	294·1	22nd	298·5	*298·3*	- 0·1	13	-20
613	Guaymas	27 55	110 53	8·3	1007·9	1008·8	..	308·5	314·3	sev.dates	299·1	295·0	27th	303·8	*303·4*	+ 0·4	20	-26
615	Leon	21 7	101 41	1809	820·5	1008·9	- 1·4	299·1	303·4	12th	287·1	283·5	sev.dates	293·1	*291·8*	- 0·8	194	+98
616	Monterry	25 40	100 18	528	954·0	1013·1	+ 0·8	301·0	307·8	10th	293·5	288·2	24th	297·3	*296·7*	- 1·1	194	+98
617	Tulancingo	20 5	98 22	2161	789·5	..	- 0·4	294·7	299·2	2nd	284·3	281·0	12th	289·5	*288·5*	- 0·3	136	+38
618	Galveston	29 18	94 50	16·5	1013·0	1015·2	- 0·3	301·3	305·2	30th	295·8	290·2	24th	298·6	*298·3*	- 0·8	183	+35
618a	New Orleans	29 57	90 4	16·2	1013·1	1014·9	- 0·3	302·3	306·3	16th	295·3	289·7	25th	298·8	*298·3*	- 0·4	98	+30
619	Merida, Yuc.	20 58	89 38	22	1008·9	1011·4	- 1·8	305·2	307·8	24th	297·2	296·2	13th	301·2	*300·3*	+ 0·9	179	+93
620	Havana	23 7	82 25	77·0	1003·5	1012·3	- 1·6	304·4	306·6	27th	298·7	294·7	27th	301·5	300·9	..	181	+98
620a	Key West	24 33	81 48	6·7	1012·5	1013·2	- 0·7	303·9	305·2	25th	297·9	295·3	10th	300·9	*300·9*	- 0·1	207	+124
621	Nassau, Bahamas	25 5	77 20	9·6	..	1015·0	+ 0·6	303·8	305·2	24th	297·7	294·1	19th	300·7	*300·9*	0·0	328	..
622	Watling Island	24 6	74 26	33·5	1011·3	1015·1	- 0·1	..	303·6	sev.dates	..	296·3	2nd	..	*301·6*	0·0	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	301·7	307·2	21st	294·5	293·4	4th	298·1	*297·7*	..	5	- 7
634m	Izaña	28 19	16 30	2367	771·9	..	+ 0·5	291·6	296·5	2nd	284·3	278·7	30th	288·0	*287·4*	+ 1·2	3	- 7
634	La Laguna	28 28	16 20	547	953·0	1014·8	- 1·7	300·0	305·2	5th	290·0	286·2	21st	295·0	*294·3*	+ 1·3	0	- 7
636	Adrar	27 38	W. 0 4	285	981·3	1012·9	..	313·2	318·1	1st	295·1	292·1	25th	304·2	*306·4*	..	0	- 7
638	Laperrine	22 36	E. 5 26	1350	866·1	1006·9	..	307·9	309·9	27th	292·0	289·9	17th	300·0	*301·4*	..	0	- 7
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	0	- 7
642	Siwa	29 12	25 29	-23	1018·7	1014·0	+ 0·7	310·0	315·5	27th	292·0	289·0	19th,20th	301·0	..	..	0	- 7
643	Cairo (Helwan)	29 52	31 20	116	999·2	1012·4	+ 0·1	308·3	312·1	27th	293·8	291·7	16th	300·0	*299·9*	+ 1·2	..	..
643	Aswan	24 2	32 53	100	997·8	1008·8	+ 0·3	314·2	316·6	17th,27th	297·6	295·3	21st	305·9	*305·4*	+ 1·8	0	- 7
644	Tor	28 14	33 37	1·9	1008·4	1008·7	+ 0·3	304·9	308·5	1st	295·9	292·0	18th	300·4	*300·7*	+ 0·9	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.

∮Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

SEPTEMBER – ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1004·2	1004·8	..	307·6	310·2	8th	301·6	299·7	29th	304·6	*304·1*	+ 1·3	0	0
649	Jask	25 45	57 45	4·0	1005·0	1005·5	..	307·0	312·2	18th	299·3	297·6	21st	303·2	*302·7*	- 0·4	0	0
649	Karachi	24 53	66 57	4·0	1006·7	1007·2	+ 0·3	302·8	303·7	1st	298·0	296·4	29th,30th	300·4	*299·9*	+ 0·2	0	-11
650	Jacobabad	28 17	68 29	56·7	999·2	1005·5	+ 1·1	312·4	314·6	23,24,25	296·7	291·3	28th	304·6	*304·0*	- 0·6	0	- 5
651	Jaipur	26 56	75 52	436	959·1	1007·2	+ 0·9	307·6	311·9	23rd	296·2	293·6	9th	301·9	*301·1*	+ 0·1	51	-36
652	Nagpur	21 8	79 5	310	972·3	1006·8	+ 0·5	305·3	307·3	26th	296·6	294·9	27th	300·9	*300·2*	+ 0·5	245	+36
652a	Allahabad	25 25	81 51	94·2	993·9	1004·4	- 0·8	309·2	312·6	22nd	299·0	296·8	28th	304·1	*303·4*	+ 2·0	44	-100
654	Darjeeling	27 3	88 15	2265	775·8	..	- 0·3	292·2	294·2	1st	287·2	286·3	23rd,27th	289·7	*289·5*	+ 0·9	166	-300
654	Calcutta	22 32	88 20	6·4	1005·1	1005·8	+ 0·1	305·8	306·7	13th	299·4	297·9	9th	302·6	*302·4*	+ 1·3	221	-29
655	Gauhati	26 8	91 41	59·7	1000·5	1007·3	- 0·1	305·9	310·1	13th	298·2	296·8	28th	302·1	*301·2*	+ 0·8	37	-136
655a	Cherrapunji	25 15	91 42	1313	867·3	..	+ 0·3	296·2	298·8	3rd	291·4	290·7	28th,28th	293·4	*292·8*	- 0·1	1294	+330
656	Akyab	20 11	92 56	6·1	1006·7	1007·4	- 0·2	303·0	306·8	12th	298·3	296·3	25th	300·6	*300·5*	- 0·2	357	-216
656a	Mandalay	21 59	96 0	76·2	999·5	1008·1	- 0·2	306·9	308·9	18th	298·9	297·6	25th	302·9	*302·1*	+ 0·5	142	- 4
657	Tengyueh	25 2	98 33	1626	835·7	1006·5	..	295·8	298·0	2nd	289·8	288·0	2nd	292·8	*292·0*	+ 0·1	199	+11
658	Pha Lien	20 48	106 38	116	..	1007·3	- 0·7	305·0	307·3	21st	297·6	293·0	30th	301·3	300·7	+ 0·8	106	-161
659	Monkay	21 31	107 51	9·0	..	1006·8	- 1·1	306·9	309·9	22nd	297·9	295·3	18th	302·4	*301·7*	+ 1·7	39	-276
660	Hongkong	22 18	114 10	33·2	..	1006·4	- 1·9	303·1	305·8	13th	298·5	295·2	30th	300·8	300·6	+ 0·7	99	-147
661	Amoy	24 26	118 4	4·9	..	..	..	303·7	306·9	5th	298·0	294·7	26th	300·9	301·0	+ 0·2	48	-61
661	Taihoku, Formosa	25 2	121 31	9·3	005·9	1006·9	- 2·3	303·6	308·9	3rd	296·1	292·6	12th	299·9	299·2	0·0	390	+141
661a	Basco	20 28	121 59	18·7	..	1004·5	- 2·2	303·2	306·0	7th	297·9	295·4	13th	300·5	300·1	- 0·4	577	+256
662	Naha	26 12	127 39	29·5	1003·8	1007·2	- 1·7	302·1	304·2	5th,7th	297·7	295·2	21st	299·9	299·8	+ 0·2	400	+218
668	Titisima (Bonin Islands)	27 5	142 11	4·1	1009·9	1010·4	- 1·3	302·5	304·5	1st	297·4	294·5	17th	299·9	299·5	- 0·3	256	+125
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

SEPTEMBER – ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N.	W.															
705	Colima	19 12	103 45	498	955·4	1010·9	+ 0·4	302·7	306·6	12th	293·3	291·8	19th	298·0	*297·5*	- 0·5	419	+231
706	Morelia	19 42	101 7	1923	808·9	1008·4	- 1·1	294·2	297·7	sev.dates	287·3	285·3	10th	290·7	*290·6*	+ 0·3	169	+35
707	Mexico, Tacubaya	19 24	99 12	2309	774·3	..	- 0·5	294·9	298·2	9th	284·2	281·4	29th	289·5	288·6	+ 0·1	207	+104
708	Salina Cruz	16 12	95 12	56	1003·2	1009·6	- 1·6	303·1	307·2	9th	296·2	294·0	27th	299·7	*300·0*	- 0·1	266	+89
709	San Salvador	13 42	89 13	682	936·6	1012·0	+ 0·3	304·5	307·2	11th	291·8	289·4	27th,28th	298·1	*295·9*	- 0·2	309	+16
710	Belize	17 31	88 11	5·2	1010·3	1010·9	- 0·6	..	..	..	297·9	293·8	5th	..	‡*299·6*	+ 0·8	83	-147
711	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·0	- 0·2	305·4	308·4	27th	296·7	294·7	22nd	301·1	*300·7*	+ 1·1	54	-118
712	Fort au Prince	18 33	72 20	37·4	1008·3	1012·5	- 0·7	306·1	308·0	11th	295·9	294·8	4,5,21	301·0	*300·9*	+ 0·9	71	-114
713	Caracas	10 30	66 56	1042	898·5	1012·4	- 0·3	298·8	301·2	16th	288·6	286·9	12th,28th	293·7	*293·0*	- 0·3	68	-35
714	San Juan, Porto Rico	18 29	66 7	25·0	1010·6	1013·2	- 0·6	302·6	305·2	15th	297·0	294·1	13th	299·8	*299·4*	- 0·1	347	+174
715	Grenada (Richmond Hill)	12 5	61 46	188	990·6	1012·0	- 0·2	303·6	305·2	2,3,22	297·0	295·2	4th,19th	300·3	*299·7*	+ 0·5	150	-53
716	Barbados	13 8	59 36	55·2	..	1012·8	0·0	303·2	304·2	20th	296·4	294·8	7th,9th	299·8	*299·7*	+ 0·1	143	-49
717	São Vicente, C. Verde Is.	16 54	25 4	11	1011·2	1012·4	- 0·7	302·1	303·5	7th,12th	298·5	297·5	1,14,19	300·3	*300·4*	+ 1·4	41	- 7
718	∮San Tiago, C. Verde Is.	14 54	23 31	34	1010·1	1014·0	+ 0·5	302·1	304·2	28th	296·3	295·2	15th	299·2	*299·7*	- 0·4	230	+130
719	Dakar	14 40	17 26	32	..	1012·1	..	305·2	310·6	27th	297·8	295·2	8th	301·5	*300·1*	+ 0·4	95	-25
720	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·8	306·9	22nd	296·4	294·1	7th	298·6	*299·0*	- 1·0	321	..
721	Niéndalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
722	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	Sokoto	13 2	E. 5 14	353	..	..	..	307·4	310·2	8th,30th	295·6	292·4	13th	301·5	*300·7*	+ 0·9	117	- 2
724	Kaduna Capital	10 32	7 25	?637	..	..	..	302·3	305·2	30th	..	..	..	..	‡*296·7*	+ 0·3	247	-45
725	Maidjeja	12 40	10 5	?	..	..	..	306·7	310·8	26th,30th	..	..	..	..	‡*300·4*	- 0·4	53	-21
726	Maiduguri	11 47	13 11	361	..	..	..	307·1	311·9	19th,20th	296·8	294·7	24th	301·9	*301·2*	+ 0·9	54	-49
727	El Fasher	13 32	25 18	730	928·8	1007·1	..	309·7	312·0	17th,25th	293·4	291·0	1st	301·6	*300·1*	+ 0·5	54	+31
728	Wâd Medanî	13 11	30 14	563	945·8	1007·4	+ 0·7	309·1	311·4	21st,26th	295·0	292·5	8th	302·0	†*300·8*	+ 1·0	20	-60
729	Obeid	13 37	32 33	390	963·9	1006·2	- 1·1	313·7	316·6	17th	299·8	298·6	23rd,30th	306·8	*306·5*	+ 1·7	3	-15
730	Khartoum	15 37	32 32	390	963·9	1006·2	- 1·1	313·7	316·6	17th	299·8	298·6	23rd,30th	306·8	*306·5*	+ 1·7	3	-15
731	Fort Sudan	19 37	37 13	5·5	1006·7	1007·4	0·0	311·1	315·2	4th	300·1	297·2	29th	305·6	*304·8*	+ 0·3	0	0
732	Berbera, Somaliland	10 22	45 2	13·8	1004·2	1005·8	- 1·1	311·3	315·8	11th	301·3	298·6	28th	306·3	*306·1*	- 0·3	0	- 2
733	Aden	12 45	45 3	28·7	1004·5	1007·7	- 0·1	307·7	309·2	18th	301·5	298·5	28th	304·6	*304·2*	+ 0·5	0	- 4
734	Bombay	18 54	72 49	11·3	1008·5	1009·9	+ 0·5	302·4	303·8	9th	296·9	295·4	18th	299·7	299·2	- 0·5	252	-15
735	Kodaikanal	10 14	77 28	2343	770·8	..	+ 0·5	291·8	294·7	8th	284·2	283·3	29th	288·0	*287·4*	+ 0·8	85	-99
736	Mangalore	12 59	77 38	921	909·6	1009·8	+ 0·6	302·5	304·4	27th	292·1	290·5	4th,30th	297·3	*296·4*	+ 1·3	19	-158
737	Madras	13 4	80 14	6·7	1006·9	1007·7	- 0·6	307·1	310·9	1st	298·2	295·7	12th	302·7	*302·0*	+ 0·3	208	+81
738	Vizagapatam	17 42	83 19	11·6	1004·4	1005·7	- 0·3	304·2	307·2	1st	299·3	297·6	26th	301·7	*301·1*	- 0·2	150	-16
739	Port Blair	11 40	92 40	18·0	1007·2	1009·2	- 0·1	302·6	304·0	8th	297·8	296·6	2nd	300·2	*299·6*	+ 0·1	405	-54
740	Rangoon	16 46	95 48	5·5	1008·3	1009·0	0·0	303·2	305·3	7th	297·6	296·3	23rd	300·4	*299·5*	+ 0·2	330	-57
741	Cap St. Jacques	10 20	107 5	180	..	1009·0	..	301·9	303·3	5th	298·0	293·8	4th	299·0	*298·6*	- 0·5	231	+47
742	Khatrang	12 15	109 12	3·6	..	1006·3	..	304·6	308·3	7th	296·8	296·1	9th,22nd	300·7	*300·2*	- 0·2	233	+55
743	Solinao	16 23	119 53	2	..	1005·3	- 0·7	303·4	306·0	12th	296·7	295·5	2nd,27th	300·1	*299·5*	- 0·4	359	-134
744	Vigan	17 34	120 23	12·2	..	1005·0	- 1·7	303·5	305·4	12th	297·6	296·8	19th,23rd	300·5	300·1	0·0	457	-12
745	Manila	14 35	120 59	14·2	..	1006·3	- 0·9	303·2	305·1	20th	297·3	296·3	27th	300·3	299·6	- 0·2	455	+98
746	Ormoc	11 0	124 36	5·6	..	1006·6	- 0·8	305·4	?306·9	11th	296·7	295·9	19,22,28	301·1	*301·0*	+ 1·3	147	-133
747	Guam, Ladrone Is.	13 24	144 38	18·6	..	1006·1	- 1·1	303·1	304·8	30th	297·5	296·2	7,13,18	300·3	*301·1*	+ 1·0	550	+172
748	Saipan	15 14	145 46	207	984·0	1004·1	..	301·4	303·2	9th	296·4	294·9	26th	298·9	298·7	..	608	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See 'Remarks' page 110.

∮Change of normals, see page 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	*302-7*	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1011·1	1011·7	+ 0·3	304·6	307·4	20th	..	..	..	..	‡*302-7*	+ 0·8	72	- 8
821	Cristobal	9 23	79 23	11·0	..	1010·0	- 0·4	304·1	306·3	5th	297·3	295·8	22nd	300·7	299·8	+ 1·0	393	+76
822	Bogota	4 36	74 5	2645	746·8	..	..	292·0	295·0	9th	282·6	280·0	22nd	287·3	286·7	..	34	-27
822a	♯Merida, Venez.	8 36	71 9	1641	‡ 841·4	..	0·0	297·3	300·2	2nd	288·1	287·0	28th,27th	292·7	*291·4*	- 0·2	243	+136
823	Ciudad Bolivar	8 9	63 33	38	1008·6	1010·9	..	305·6	307·2	14th	296·9	294·2	27th	301·3	*300·8*	+ 0·1	227	-36
824	El Peru, Guayanavieja	7 19	61 49	220	985·1	1010·0	- 0·1	303·3	304·9	30th	295·1	293·9	3rd	299·2	*298·6*	+ 0·3	84	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·7	- 0·5	304·0	304·7	13,15,20	297·7	296·3	22nd	300·8	*300·3*	+ 0·4	6	-75
826	Paramaribo	5 49	55 9	3·7	..	1012·2	- 0·7	306·6	307·9	26th	296·2	295·2	29th	301·4	*301·0*	+ 0·4	68	- 1
826a	Cayenne	4 56	52 21	6	..	..	..	305·6	306·0	4th	295·5	295·0	15th	300·6	*300·1*	- 0·3	43	+22
										Sea Temp.								
831	10°-5°N. 30°-25°W.	†† 7 4	†† 27 3	§(115-133)	..	1013·6	+ 0·6	..	..	299·8 | 0·0	..	..	..	..	299·5	+ 0·1	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	903	+233
834	Freetown, Sierra Leone	8 29	13 14	68·3	1006·2	1014·1	+ 1·9	301·4	303·6	19,26,30	295·4	293·6	25th	298·4	*297·8*	- 0·8	773	+95
835	Assuantsi	5 18	1 15	101	..	..	..	299·2	301·9	21st	294·1	290·8	17th	296·7	..	- 0·8	79	- 3
836	Accra	5 33	W. 0 12	18·0	1011·0	1012·8	- 0·1	300·2	304·6	8th	295·6	293·7	25th	297·9	*297·5*	- 0·2	30	0
837	Lagos	6 27	E. 3 24	3·0	1010·4	1010·7	- 1·5	300·4	301·3	13,22,30	296·3	294·1	25th	298·3	*297·9*	- 0·6	142	+39
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	301·5	303·0	..	295·2	293·6	..	298·3	*297·9*	..	448	+91
839	Yola	9 12	12 30	259	..	..	..	304·7	306·3	10,12,30	294·7	293·6	sev.dates	299·7	*299·1*	+ 0·7	251	+41
841	Wau	7 42	28 3	440	..	..	..	..	..	..	296·9	294·1	1st	299·3	*299·0*	+ 0·1	106	..
843	♯Malakal (Kodok)	9 35	31 37	394	965·8	1009·9	0·0	308·7	309·6	10th	295·0	292·9	30th	300·8	*299·2*	+ 0·5	156	+58
843a	♯Mongalla	5 11	31 47	448	959·5	1009·8	- 0·6	308·6	310·2	17th	293·9	292·9	3rd	300·2	*298·6*	+ 0·2	200	+27
844	Entebbe	0 5	32 29	1171	884·2	1010·6	+ 0·2	299·4	302·4	17th	289·8	288·6	9th,20th	294·6	*294·0*	+ 0·4	60	-28
845	Sheikh	9 55	48 15	1463	..	..	..	302·4	305·6	2nd	..	284·1	1st	..	..	..	58	..
851	Minicoy	8 17	72 49	2·1	1011·5	1011·7	+ 0·2	303·4	304·6	18th	298·2	296·4	8th	300·8	*300·2*	..	54	-136
851a	Cochin	9 58	76 21	2·7	1011·3	1011·7	+ 0·3	301·2	302·4	20th	297·1	296·1	17th	299·1	*298·5*	- 0·5	67	-102
852	♯Colombo Observatory	6 54	79 52	7·3	..	1010·1	+ 0·4	303·7	304·4	19th	298·4	296·7	6,8,9	301·1	*300·5*	+ 1·0	37	-74
853	♯Nuwara Eliya	6 58	80 46	**1881	813·6	1011·6	+ 0·8	292·9	294·9	2nd	283·8	278·6	13th	288·4	*287·7*	- 0·1	78	-76
854	♯Trincomalee	8 35	81 15	30·2	..	1006·5	- 0·3	307·6	308·8	18th	298·2	297·1	11th	302·9	*302·3*	+ 1·0	49	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·0	- 0·7	..	..	..	..	..	..	..	..	..	187	+88
856	Medan	3 35	98 41	25·0	..	1009·3	- 0·4	304·1	306·5	3rd	295·5	293·2	3rd	299·8	299·1	+ 0·7	80	-54
857	Penang	5 34	100 20	5·0	..	..	..	306·9	307·4	3rd	294·3	293·6	12th	300·7	*299·8*	+ 0·6	506	+243
858	Singapore	1 18	103 51	10·9	1008·4	1009·6	- 0·4	303·9	306·2	27th	296·8	295·2	13th,22nd	300·3	*299·8*	0·0	213	+43
859	Sandakan	5 50	118 7	31·7	..	..	..	304·7	305·8	4,5,30	296·4	294·7	9th	300·6	*301·1*	0·0	256	-38
860	Iwahig	9 44	118 38	14·3	..	1007·1	- 0·1	304·2	306·2	7th,28th	296·0	294·2	16th	300·1	*299·9*	+ 0·8	188	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·4	- 0·6	305·9	308·8	28th	298·2	296·9	27th	302·1	301·2	+ 0·9	23	-133
861a	Menado	1 30	124 50	8·5	..	1008·5	- 0·2	304·7	305·6	4th	295·3	292·9	12th	300·0	299·7	0·0	113	-73
863	Kolonie, Yap	9 29	138 8	6·0	..	1007·5	- 0·5	304·7	306·7	28th	298·6	296·2	27th	301·7	301·3	+ 0·9	151	+141
864	Palau	7 20	134 29	29·3	..	1008·8	+ 0·9	303·5	305·4	2nd	297·2	295·8	4th,28th	300·3	299·6	- 0·3	472	..
867	Ponape	6 58	158 13	31·8	1005·5	1009·1	..	303·1	304·4	16th,19th	297·6	295·3	5th	300·3	300·2	..	313	..
		N.	E.	38·9	1004·9	1009·3	..	302·9	304·9	6th	295·3	293·1	8th	299·1	298·7	..	413	..

SEPTEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	*302-7*	°A.	mm.	mm.
902	Atafu	8 32	172 31	2	..	1011·4	..	303·3	305·2	18th	298·8	296·4	18th	301·1	*300·7*	..	92	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·5	308·6	14th	295·2	294·0	23rd	300·4	*300·1*	..	76	+58
926	♯Taperinha	2 30	54 20	21·5	1009·4	1011·8	+ 0·2	..	..	..	..	..	..	..	*299·8*	+ 0·5	9	-76
927	Turyassu	1 43	45 26	9·1	1010·8	1011·9	0·0	305·2	307·3	11th	295·7	295·0	9th	300·4	*299·8*	+ 0·3	14	-121
928	Barra do Corda	5 30	45 16	81·0	1000·2	1009·4	- 1·0	309·0	310·7	11th	294·5	290·4	3rd	301·8	*301·1*	+ 1·6	3	+2
929	♯Quixeramobim	5 16	39 15	207	990·2	1013·5	+ 0·6	305·3	306·6	29th	297·0	295·9	17th	301·2	*301·2*	+ 0·4	31	+24
930	Fernando Noronha	3 50	32 25	106	1002·4	1014·6	+ 0·3	299·4	300·6	29th	296·3	294·3	20th	297·8	*297·8*	- 0·5	..	..
										Sea Temp.								
930a	5°-10°S. 35°-30°W.	†† 7 15	†† 33 36	§(29-30)	..	1014·6	..	..	..	298·3 | -0·1	..	..	..	..	298·5	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1014·6	1016·4	+ 0·5	300·2	301·9	19,20,27	294·3	293·0	9th,26th	297·3	*296·2*	- 0·7	7	-2
939	Loanda	8 49	E. 13 13	51	..	1013·8	- 0·5	297·2	299·6	22nd	292·8	291·0	4th	295·0	*294·6*	+ 0·3	1	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Manaka	0 20	31 44	†1280	..	..	..	301·3	304·7	14th	288·2	285·8	28th	294·7	..	..	54	-26
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	300·2	303·6	17th	284·1	279·1	21st	292·1	..	..	43	-23
944a	Zanzibar	6 10	39 11	17·1	1015·2	1017·2	- 0·4	301·3	302·6	24th	296·4	295·7	19th,20th	298·9	*297·9*	+ 0·3	5	-26
945	Lamu	2 16	40 50	3·0	..	..	..	300·8	301·3	sev.dates	296·9	294·1	1st	299·3	*299·0*	+ 0·1	64	-26
947	Seychelles, Port Office	4 37	55 27	4·6	1012·5	1013·0	- 0·1	300·5	303·0	28th	297·2	295·6	15th	298·8	*298·1*	- 0·2	..	..
957	Padang	0 56	100 22	6·7	..	1011·0	+ 0·3	304·0	305·2	28th	296·7	295·4	15th	300·3	299·7	+ 0·6	308	+38
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	- 0·2	304·7	306·8	15th	296·3	294·6	6th,16th	300·5	300·1	+ 0·6	17	-262
958a	Pontianak	0 1	109 20	2·6	..	1008·9	- 0·9	307·0	307·6	28th	296·2	296·0	21st	302·6	300·8	+ 1·1	57	-8
959	Pasuruan	7 38	112 55	5·0	..	1011·1	+ 0·2	305·4	307·0	7th	294·4	292·3	24th	299·9	300·2	+ 0·6	0	-32
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	-32
962	Amboina	3 42	128 10	4·2	..	1010·4	- 0·3	301·4	303·1	28th	296·4	293·8	7th	298·9	298·6	+ 0·3	187	-78
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	47	-76
965	Daru	9 4	143 13	7·6	..	1012·4	+ 0·3	301·7	..	..	..	..	..	..	..	..	10	-76
966	Port Moresby	9 29	147 9	38·4	..	1011·5	- 0·3	301·7	..	..	297·0	..	..	299·3	*299·9*	+ 0·5	10	..
											296·5	..	..	299·1	*298·7*	+ 0·3		
967	Rabaul	4 9	152 12	12·5	1008·1	1009·6	+ 0·1	305·8	307·3	27th	295·7	294·4	21st,24th	300·8	*300·2*	+ 0·1	118	+53
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·9	304·7	30th	297·9	295·8	15th	300·4	*300·2*	+ 0·2	266	+78
970	Ocean Island	0 52	169 35	42·6	1005·4	1010·2	- 0·4	305·6	306·9	12,21,22	298·6	296·9	9th	302·1	*301·4*	+ 0·9	66	-38
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of observations. §Number of observations. ♯Change of normals, see page 112.
**Height changed from 1886m. to 1881m. from September 1st.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	*302-7*	°A.	mm.	mm.
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·7	- 0·3	302·1	303·1	10th,11th	296·5	294·8	25th	299·3	299·3	+ 0·2	204	+74
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1015·8	+ 0·3	300·8	303·0	13th,28th	292·8	288·6	19th	296·8	*296·6*	0·0	61	-47
1005	Lima	12 5	77 3	111	999·8	1013·0	..	293·1	295·3	21st	286·4	283·8	16th	289·7	288·2	..	2	..
1006	Tacna	18 0	70 16	560	..	..	..	298·8	300·0	sev.dates	282·4	281·0	12th	290·6	*287·1*	- 0·5	1	- 7
1007	Corumba	18 59	57 39	116	998·8	1011·9	+ 1·3	304·7	310·6	14th,25th	292·1	286·4	16th	298·4	*298·2*	0·0	11	-58
1007	Cuyaba	15 36	56 6	165	992·7	1011·4	+ 1·1	305·3	311·4	15th	292·9	288·2	17th	299·1	*298·2*	- 1·7	78	+27
1008	Bello Horizonte	19 55	43 57	895	916·6	1015·4	+ 0·7	300·4	305·8	12th	288·4	285·8	23rd,30th	294·4	*293·8*	+ 0·7	3	-32
1008	Castitte	14 3	42 37	897	918·0	1016·7	+ 1·7	300·6	307·3	27th	287·9	286·2	23rd	294·2	*294·7*	- 0·3	0	-19
1009	Cndina (Bahia)	13 0	38 31	46·6	1011·2	1016·7	+ 0·8	299·8	301·2	27th	294·2	292·9	1st	297·0	*296·9*	+ 0·2	95	+15
1009a	Aracaju	10 55	37 3	6·1	1017·0	1017·8	+ 1·3	300·2	301·5	27th	294·9	291·2	12th	297·6	*297·1*	..	70	..
										Sea Temp.								
1010	15°-20°S. 40°-35°W.	†† 17 23	†† 38 1	§(42-43)	..	1019·0	..	..	..	297·1 | +0·3	..	..	..	..	296·8	..	..	..
1010	10°-15°S. 40°-35°W.	†† 12 49	†† 36 15	§(27-28)	..	1017·1	..	..	..	297·4 | -0·4	..	..	..	..	297·5	..	..	..
1016	St. Helena	15 57	W. 5 40	579	948·9	1016·5	+ 0·6	288·6	289·7	10th	285·0	283·6	4th	286·8	*286·7*	- 0·3	54	..
1041	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	905·9	1010·1	..	307·6	311·8	23rd	291·2	287·9	29th	299·4	..	..	..	..
1042	Elisabethville	11 39	27 28	1236	878·0	1010·1	- 0·2	304·8	308·1	..	286·2	283·7	..	295·5	..	+ 1·0	0	..
1042	Gwelo	19 26	30 2	1411	..	..	..	302·7	309·1	24th	285·5	280·8	12th,27th	294·1	..	+ 1·8	0	- 3
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	854·1	1012·5	- 1·0	300·8	307·5	25th	285·7	280·1	28th	293·3	292·8	+ 1·1	4	- 3
1044	Zomba	15 23	35 18	955	909·3	1014·4	- 0·2	300·3	304·1	17th	289·1	285·2	29th	294·7	*294·6*	+ 0·9	0	- 9
1045	Mossuril	14 57	40 40	15	..	1016·6	..	303·1	306·6	25th	291·6	288·7	1st	297·3	297·5	..	8	- 9
1046	Antananarivo	18 55	47 33	1375	868·2	1018·4	+ 0·4	296·4	302·4	25th,26th	282·5	279·4	6th	289·5	288·8	- 0·2	36	+22
1057	Cocos, Keeling Is.	12 5	96 53	4·6	1014·5	1015·1	- 0·3	301·9	303·1	26th	297·7	294·9	8th	299·8	*299·4*	+ 0·7	11	-85
1057	Christmas Island	10 25	105 43	5·5	1010·3	1011·0	+ 0·5	304·1	305·8	20th	296·6	295·2	7th,13th	300·4	*299·7*	+ 0·7	17	-53
1061	Kupang	10 10	123 34	45·1	..	1011·9	+ 0·2	305·8	308·7	9th	293·9	290·2	6th	299·9	299·5	+ 0·1	0	- 2
1062	♯Derby	17 18	123 40	16·2	1010·8	1012·7	- 0·4	307·8	313·0	24th	293·4	290·8	20th	300·7	..	+ 1·3	0	0
1063	♯Hall's Creek	18 13	127 46	373	970·0	1011·3	- 2·1	309·3	312·1	29th	292·2	285·8	2nd	300·7	*300·2*	+ 3·2	0	- 5
1064	♯Darwin	12 28	130 51	29·6	1006·3	1011·7	+ 0·1	306·8	310·2	25th	296·9	294·7	2nd	301·8	*300·7*	+ 0·7	35	+22
1065	♯Daly Waters	16 16	133 23	211	987·5	1010·9	- 1·0	310·8	313·6	28th	292·5	285·8	9th	301·7	*301·2*	+ 2·2	0	- 6
1066	♯Main	13 15	142 50	122	997·3	1011·4	- 0·2	305·7	308·6	23rd	291·3	284·1	5th	298·4	..	+ 0·1	0	- 1
1066a	♯Georgetown, Queensland	18 22	143 32	302	979·5	1013·5	- 0·6	307·7	310·2	23rd,24th	289·4	284·1	1,4,5	298·6	..	+ 1·2	0	- 9
1067	Willis Island	16 18	149 59	8·5	1012·2	1013·3	..	301·1	303·0	26th	295·7	293·3	20th	298·4	*298·3*	..	13	..
1072	Samarai	10 37	150 40	6·1	..	1012·7	+ 0·6	302·6	..	..	296·1	..	..	299·3	*299·1*	+ 0·9	407	+139
1072	Suva, Fiji	18 8	178 26	6·1	1013·3	1014·0	- 0·2	300·6	305·2	4th	294·4	291·3	1st	297·5	*297·3*	+ 0·9	105	-90
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

SEPTEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	*302-7*	°A.	mm.	mm.
1101	Barotonga (Avarua)	21 12	159 47	6	..	..	..	299·6	304·7	23rd	291·6	289·1	6th	295·6	*295·4*	+ 0·5	159	+32
1102	Punta Tortuga, Coquimbo	29 56	71 21	27	1015·5	1018·8	+ 1·1	288·3	289·7	24th	283·2	281·3	16th,17th	285·7	*285·8*	+ 0·1	1	- 3
1103	Iquique	20 12	70 11	6	1016·6	1017·3	+ 0·7	290·7	291·9	19th	..	..	..	..	*287·8*	- 1·4	0	0
1104	Catamarca	28 27	65 47	510	956·4	1015·0	+ 2·7	296·8	307·5	22nd	283·4	274·1	16th	290·1	*289·6*	- 2·1	15	+ 8
1104	Salta	24 46	65 28	1182	883·3	1014·0	+ 1·8	294·6	306·6	23rd	281·1	273·4	17th	287·8	287·9	- 2·4	35	+27
1105	Goya																	
1106	Asuncion	29 9	59 15	37	1013·3	1017·7	+ 2·5	296·2	303·8	20th	285·6	278·8	1st	290·9	*290·5*	+ 0·1	187	+107
1106	Curityba	25 17	57 41	93	1005·6	1016·5	+ 3·0	297·5	307·7	25th	289·2	282·3	17th	293·4	*292·6*	- 1·4	130	+44
1106	Rio de Janeiro	25 25	49 17	908	916·8	1019·5	+ 1·7	292·7	300·4	4th	283·9	278·3	29th	288·3	*287·6*	+ 0·1	73	-49
										14th								
1106a	25°-30°S. 50°-45°W.	†† 27 38	†† 47 46	§(18)	..	1018·7	..	..	..	Sea Temp. 291·6 | -0·6	..	..	..	..	291·2	..	..	..
1140	Windhoek		W.															
1141	O'Okiep	22 34	E. 17 6	1727	830·6	1013·0	..	298·5	302·5	23rd	283·0	276·5	2nd	290·8	*290·3*	- 1·2	2	0
1142	Kimberley	29 36	17 52	933	912·4	1018·7	- 0·4	291·5	301·9	19th	279·5	273·4	2nd	285·5	*285·1*	- 2·1	14	- 1
1143	Johannesburg	28 44	24 46	1218	‡ 886·5	‡1020·4	+ 0·6	295·4	304·7	21st	279·9	271·3	2nd	287·7	*287·3*	- 1·9	22	+ 7
1144	Bulawayo	26 11	28 4	1806	824·1	1016·9	- 1·5	293·3	299·1	23rd	280·9	272·6	25th	287·3	*287·2*	- 0·9	20	- 4
1145	Durban	20 9	28 36	1349	869·5	1014·3	- 1·4	301·1	308·1	24th	286·2	281·9	27th	293·6	*293·4*	+ 0·9	17	+13
1146	Lourenço Marques	29 52	31 3	15·2	1016·3	1018·1	- 2·7	295·7	299·1	6th	288·7	283·2	3rd	292·2	*291·7*	+ 0·1	56	-25
1147	Mauritius	25 58	32 36	59·0	..	1017·8	- 1·4	299·3	309·9	23rd	288·7	284·5	5th	294·0	293·2	- 0·4	47	+22
		20 6	57 33	55·2	1014·0	1020·5	+ 0·3	297·3	299·1	28th	290·2	287·5	21st	293·7	293·5	- 0·4	36	+ 3
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see page 113.

SEPTEMBER – ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1012·6	1013·1	- 1·4	302·0	306·8	16th	287·8	285·3	25th	294·9	..	+ 0·4	0	- 1
1160	∮Cue	27 27	117 52	454	963·7	1015·4	- 0·8	297·4	304·2	14th	283·1	279·3	22nd	290·3	..	0·0	4	- 3
1161	∮Mullagine	21 53	120 5	386	..	..	..	305·7	308·6	26th	287·1	278·3	24th	296·4	..	+ 1·7	0	- 1
1162	∮Laverton	28 40	122 23	466	961·3	1014·5	- 2·2	299·5	306·8	15th	282·4	277·4	23rd,24th	290·9	*290·9*	+ 1·0	0	- 3
1163	∮Alice Springs	23 38	133 37	587	947·7	1012·7	- 1·2	304·1	309·7	28th	286·6	276·3	14th	295·3	*295·4*	+ 3·8	7	- 5
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	995·4	1012·0	- 2·2	308·2	311·8	22nd	288·5	281·3	16th	297·3	*297·4*	+ 2·6	0	-14
1165	∮Thargomindah	27 58	143 43	123	998·7	1013·0	- 2·8	302·3	310·4	21st	284·8	277·4	2nd	293·6	*293·4*	+ 2·2	0	-16
1166	∮Mitchell	26 32	147 52	336	975·7	1013·5	- 3·3	302·2	309·7	22nd	280·5	273·0	3rd	291·3	..	+ 1·8	0	-34
1167	∮Rockhampton	23 24	150 30	11·3	1013·8	1015·2	- 1·7	302·8	308·7	23rd	287·6	280·8	3rd	295·2	..	+ 1·1	20	-35
1168	∮Brisbane	27 28	153 2	41·8	1010·5	1015·0	- 2·4	298·9	302·9	23rd	286·3	281·3	3rd	292·6	*292·0*	+ 1·1	37	-63
1170	Norfolk Island	29 4	167 59	14·9	1016·9	1018·8	- 1·0	293·6	296·6	24th	287·8	284·4	6th	290·7	*290·3*	+ 0·8		
		S.	E.															

SEPTEMBER – ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 50	345	981·1	1022·7	..	284·8	289·0	10th	280·1	278·5	6th	282·5	*281·8*	..	119	..
1221a	Punta Tumbes	36 37	73 6	120	1004·4	1019·0	+ 0·4	287·1	291·8	17th	280·7	278·4	4th	283·9	*283·4*	+ 0·2	89	-36
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1014·6	1019·6	+ 1·6	288·2	292·5	20th	281·8	279·0	6th	284·9	*284·8*	- 0·6	11	+57
1222a	∮Santiago	32 27	70 42	520	957·0	1018·3	+ 0·5	290·3	299·2	28th	278·4	274·7	7th	284·3	*283·7*	- 0·5	10	+57
1223	Cordoba	31 25	64 12	423	968·4	1018·1	+ 2·4	294·2	302·3	30th	280·2	273·7	18th	287·2	286·7	- 1·1	80	-34
1224	Bahia Blanca	38 45	62 15	25	1016·8	1019·8	+ 2·5	292·5	299·1	10th	278·8	270·5	6th	285·6	*285·5*	+ 0·3	6	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1017·1	1020·2	+ 2·1	290·0	296·0	30th	281·1	275·7	6th	285·6	285·6	- 0·2	163	+65
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1019·7	+ 3·8	..	295·3	29th	..	276·8	17th	..	*285·6*	- 1·2	87	+ 4
1228a	Porto Alegre	30 2	51 13	23·5	1018·0	1018·8	+ 1·6	293·8	299·8	22nd	286·5	281·0	28th	290·1	290·0	+ 0·5	239	+134
1226b	30°-35°S. 55°-50°W.	††32 46	††51 37	§(18)	..	1019·6	..	..	..	Sea Temp. 287·8 | +0·5	..	..	..	..	288·0	..	..	..	..
1239	Cape Town	33 56	W. E. 18 29	12·2	1018·6	1020·1	+ 1·3	290·6	299·0	27th	282·5	277·3	2nd	286·6	*285·3*	- 0·8	79	+25
1240	Danger Point	34 37	19 18	27·7	1015·4	1018·8	+ 0·5	288·9	292·4	16th	282·9	276·9	3rd	285·9	..	- 1·0	63	+ 1
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·2	303·0	10th	280·1	272·7	3rd	287·1	..	- 0·6	42	+ 4
1242	East London	33 2	27 55	44·8	1012·5	1017·9	- 1·7	293·1	296·9	8th	284·7	280·4	27th	288·9	..	- 0·7	36	-14
1259	∮Perth (Observatory)	31 57	115 51	60·0	1008·5	1015·7	- 2·3	291·2	295·8	1st	284·1	279·7	5th	287·7	*287·6*	+ 0·1	128	+40
1260	∮Katanning	33 42	117 35	310	976·6	1013·3	- 3·6	289·9	293·9	1st	279·9	273·0	8th	284·9	..	- 0·2	72	+20
1261	∮Coolgardie	30 57	121 10	423	965·4	1014·0	- 2·8	295·3	304·1	14th	280·8	275·2	5th	288·1	*288·1*	+ 0·2	10	- 8
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	∮Streaky Bay	32 48	134 13	13·1	1011·8	1013·4	- 4·0	293·9	303·6	27th	283·4	278·8	1st	288·7	*288·3*	+ 1·3	19	- 7
1264	∮Adelaide	34 56	138 35	42·7	1006·8	1011·9	- 5·4	294·2	305·3	28th	283·2	279·6	8th	288·7	*288·5*	+ 1·8	46	- 3
1265	∮Melbourne	37 49	144 58	35·1	1004·7	1008·6	- 7·0	292·5	304·4	28th	282·5	277·4	22nd	287·5	*287·3*	+ 2·2	29	- 5
1266	∮Bourke	30 13	145 58	110	1003·1	1015·9	- 2·8	301·2	309·7	20th	284·3	276·9	14th	292·8	..	+ 2·6	0	-20
1267	∮Sydney	33 51	151 13	42·1	1005·6	1010·6	- 5·4	296·1	304·4	17th	284·7	281·9	8th	290·4	*290·0*	+ 2·3	5	-28
1268	Lord Howe Island	31 20	159 0	4·9	1014·9	1015·6	- 2·9	293·9	296·1	28th	288·1	282·4	5th	291·0	..	+ 1·1	93	+28
1271	Auckland	36 50	174 50	13·4	..	1010·3	- 6·1	289·1	291·8	21st	283·2	279·1	29th	286·1	..	+ 0·5	139	+ 4
1272	Napier	39 29	176 55	1·5	..	..	..	290·9	294·4	24th	280·4	274·1	11th	285·2	..	+ 0·2	61	- 6
		S.	E.															

SEPTEMBER – ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	1005·5	1022·7	+ 5·5	281·6	286·6	29th	277·6	275·5	6th	279·6	*280·1*	- 0·5	58	-23
1322	Punta Galera	40 1	73 44	40	1016·0	1020·9	+ 2·7	284·8	288·4	26th	280·5	277·6	3rd	282·7	*282·6*	+ 0·4	57	- 7
1323	Sarmiento	45 34	69 0	272	984·3	1017·0	+ 4·2	289·1	297·3	19th	275·6	266·0	5th	282·4	282·3	+ 1·4	10	+20
1324	Puerto Madryn	42 49	W. 64 58	14	1016·0	1018·0	+ 3·6	290·9	297·1	10th	276·0	269·8	3rd	283·4	284·2	+ 0·7	30	+30
1365	∮Launceston	41 27	E.147 10	10·1	999·5	1000·8	-10·8	287·8	294·6	28th	279·4	273·6	22nd	283·6	*282·8*	+ 0·3	107	+60
1366	∮Hobart	42 53	147 20	53·9	992·0	998·5	-12·4	287·7	297·6	28th	279·7	273·4	22nd	283·7	*282·9*	+ 0·2	114	+60
1370	Invercargill	46 25	168 21	3·7	..	..	..	286·3	293·0	13th	275·9	273·0	5th	281·1	..	- 0·6	136	+36
1371	Dunedin	45 52	170 31	6·1	..	999·1	-12·6	287·4	294·7	13th	277·4	274·1	27th,28th	282·4	..	+ 0·5	49	-25
1371a	Christchurch	43 31	172 39	7·6	..	1000·2	-11·7	288·2	294·0	14th	276·8	271·1	9th	282·4	..	0·0	24	-37
1372	Wellington	41 16	174 46	128	..	1004·0	- 9·7	286·2	290·1	20th	280·0	276·3	1st	283·1	282·8	- 0·8	64	-14
		S.	E.															

SEPTEMBER – ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	75 6	55	1001·4	1008·2	+ 4·2	279·8	283·3	30th	276·1	273·4	11th	277·9	*278·5*	+ 0·7	453	+91
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1002·0	1005·4	+ 0·5	282·2	286·5	19th	276·3	271·8	4th	279·3	*279·5*	+ 1·9	11	+ 3
1423	Punta Dungeness	52 24	68 26	5	1004·6	1005·2	+ 1·2	281·2	288·5	19th	276·1	272·8	4th	278·7	*278·6*	+ 1·2	7	- 1
1424	Santa Cruz	50 1	68 31	12	1008·7	1010·2	+ 2·8	288·2	299·0	19th	276·4	272·2	5th	282·3	282·0	+ 2·7	1	-36
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1003·5	- 0·4	282·3	284·1	9,11,20	273·6	269·1	15th	277·9	..	+ 1·0	11	+30
1426	Cape Pembroke	51 41	57 42	21·3	1002·3	1004·9	- 0·5	280·4	284·1	19th	274·3	271·9	15th,27th	277·3	277·6	+ 0·7	..	+30
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	997·5	998·0	- 2·1	276·9	287·1	20th	270·3	264·4	30th	273·6	*273·6*	+ 0·4	105	+ 5
		S.	W.															

SEPTEMBER – ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 44	44 39	7	990·0	990·8	- 2·7	268·8	276·9	20th	259·3	250·6	26th	264·0	264·9	- 1·1	39	+30
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, OCTOBER 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF OCTOBER, 1928 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

BETWEEN LATITUDE 80° N. AND 70° N. OCTOBER – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1211	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1216	Barrow	71 23	156 17	4·6	..	1009·1	- 3·2	269·7	275·2	27th	260·9	248·6	20th	265·3	..	+ 1·1	9	- 9
1221	Upernivik	72 47	56 7	19·2	1003·9	1006·3	- 2·7	273·3	280·4	8th	270·2	265·0	16th	271·7	*271·8*	+ 2·8	7	-21
1231	Wyzgbukta	73 30	21 30	3·2	..	1012·9	..	..	278·5	1st	..	246·5	30th	..	*265·8*	..	11	..
1235	Scoresbysund	70 29	21 58	16·9	1008·6	1010·7	..	271·4	280·9	7th	266·0	255·0	30th	268·7	*268·2*	..	62	..
1236	Jan Mayen	70 59	W. 8 18	23·1	1005·0	1007·9	+ 1·4	..	279·2	22nd	273·1	268·7	30th	..	*274·3*	+ 1·9	30	-17
1240	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1010·1	1011·5	+ 2·6	..	275·1	17th	262·4	249·4	30th	..	264·8	- 2·4	29	- 1
1241	Björnöen	74 28	19 17	40·5	1003·7	1008·8	+ 3·0	..	275·6	19th	268·5	261·7	16th	..	*270·5*	- 1·5	28	- 8
1242	Ingvy	71 4	24 6	4·3	‡1004·7	1005·6	+ 2·7	..	279·5	28th	272·6	265·6	15th	..	*274·6*	- 1·3	68	- 5
1243	Sistnes	71 5	28 14	10·2	1005·5	1006·8	- 1·1	..	277·5	28th	271·7	264·7	15th	..	*273·8*	..	65	..
1247	Vardö	70 22	31 8	11·8	1005·6	1007·1	- 0·9	..	276·8	27th	271·2	266·5	15th	..	*273·3*	- 1·3	66	+ 3
1248	Malye Karmakouly	72 23	52 43	15·3	1004·0	1005·9	- 2·3	?270·6	276·2	2nd	?285·0	255·6	22nd	?267·8	*268·0*	- 1·9	..	..
1253	Waigatz	70 24	58 47	11·2	1004·8	1006·2	+ 0·4	..	..	..	266·7	258·9	31st	..	*269·2*	- 2·3	..	..
1262	Dickson	73 31	80 23	13·0	1002·3	1004·0	- 3·7	..	..	..	263·0	251·6	30th	..	*265·2*	- 1·1	5	- 8
	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. OCTOBER – ZONE 2.

1251	Freobrajerye	N. 64 52	W. 175 42	?	..	..	..	274·6	278·6	2nd	267·9	255·2	19th	271·3	*271·3*	- 0·1	16	-21
1253	Nome	64 30	165 24	6·7	1004·2	1005·4	- 0·1	274·9	283·0	30th	267·8	256·9	21st	271·3	..	..	30	..
1254	Bethel	60 45	161 47	11·6	..	1002·4	..	270·7	275·2	11th	263·1	253·0	20th	266·9	*266·6*	- 1·0	9	-18
1256	Tanana	65 10	152 6	69·5	1000·5	1009·1	+ 1·6	269·0	273·0	10th,13th	260·7	253·6	7th,8th	264·8	..	- 2·5	6	-19
1257	Rampart	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1261	Valdez	61 7	146 16	122	..	..	..	279·2	286·3	1st	272·2	268·0	7th,10th	275·7	..	..	243	..
1262	Eagle	64 46	141 12	248	979·3	1010·5	+ 1·6	271·4	278·6	17th,18th	264·8	254·1	9th	268·1	*267·9*	- 0·9	14	- 6
1264	Dawson	64 4	139 29	324	971·4	1012·3	+ 2·0	270·8	279·7	21st	263·6	255·8	29th	267·2	*267·4*	- 2·6	12	-17
1265	Mayo Landing	63 35	135 51	579	950·7	1022·7	..	273·0	279·7	17th,20th	265·2	256·3	10,11,29	269·1	*269·3*	..	16	..
1266	∮Fort Good Hope	66 25	128 53	65·2	1007·6	1016·1	+ 1·4	270·2	274·7	12th,18th	260·8	252·4	28th	265·5	..	- 1·4	18	- 8
1267	Fort Simpson	61 52	121 35	129	998·3	1014·7	+ 3·7	276·3	284·1	18th	266·3	258·0	12th	271·3	..	+ 0·2	29	- 5
1268	Hay River	60 51	115 20	161	992·4	1012·7	+ 0·9	275·8	285·8	13th	266·9	259·7	28th	271·3	..	- 1·8	18	- 5
1271	Jacobshavn	69 13	51 2	31·6	998·3	1002·3	- 5·3	274·6	282·3	6th	270·4	261·3	29th	272·5	*272·4*	+ 3·1	..	..
1272	Godthaab	64 10	51 43	20	..	..	..	276·2	281·8	6th	271·4	264·6	29th	273·8	*273·5*	+ 1·3	36	-27
1273	Ivigtut	61 12	48 10	30·0	997·5	1001·2	- 4·2	279·0	288·6	13th	272·5	266·0	24th	275·7	*275·9*	+ 1·9	146	- 3
1274	Angmagsalik	65 37	37 33	29·3	1001·0	1004·6	- 2·2	277·8	284·1	7th	271·9	268·1	30th	274·9	*275·0*	+ 3·2	..	..
1275	Stykkisholm	65 5	22 46	25	..	1002·6	- 2·5	281·3	285·5	1st,4th	276·2	270·8	31st	278·7	*278·6*	+ 2·4	31	-46
1276	Vestmanno	63 24	20 17	132	..	1000·8	- 4·3	281·2	284·3	2nd	277·6	271·8	31st	279·4	*279·2*	+ 1·5	76	-71
1277	Grimsey	66 33	18 1	22·0	..	1003·1	- 4·3	279·8	284·4	2nd	276·2	270·6	30th	278·0	*277·6*	+ 1·9	78	+43
1278	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1279	Teigarhorn	64 41	14 22	18·0	..	1002·8	- 3·5	281·7	287·0	2nd	275·7	271·2	10th,11th	278·7	*278·2*	+ 1·7	99	-27
1280	Sydvig	62 3	6 45	22·9	1000·2	1003·0	- 4·6	282·5	285·2	7th,16th	278·6	274·5	13th	280·5	*280·6*	+ 1·0	123	-32
1281	Lerwick	60 8	W. 1 11	18·0	..	1003·3	- 5·0	283·7	286·9	8th	280·4	278·0	1,10,13	282·1	*282·2*	+ 1·2	147	+47
1282	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1001·7	1007·1	- 3·1	283·3	286·7	20th	278·6	273·2	12th	280·9	*281·0*	+ 0·5	220	+15
1284	Aalesund	62 28	6 10	6·3	1005·4	1006·2	- 2·4	..	287·0	8th	278·6	274·5	11th	..	*281·1*	+ 0·6	107	-53
1285	Trondhjem	63 26	10 25	59·2	999·9	1007·2	- 3·3	280·1	285·5	25th	275·2	270·8	28th	277·7	*278·0*	+ 0·3	98	+10
1286	Bodö	67 17	14 24	17·0	‡1004·7	1007·4	- 1·4	..	282·6	25th	275·0	266·2	16th	..	*276·9*	- 0·5	109	+ 7
1287	Rameranda	65 50	24 9	9·2	1007·8	1009·0	- 2·4	276·0	281·0	8th	270·2	262·5	15th	273·1	*273·3*	- 1·1	57	+ 1
1288	Helsingfors	60 10	24 57	11·7	1009·1	1010·5	- 3·9	280·4	284·9	9th	275·9	268·7	16th	278·1	*278·5*	+ 0·1	93	+27
1289	Kuopio	62 55	27 40	233	981·5	1010·3	- 2·3	276·5	281·8	9th	272·3	264·5	15th	274·4	*274·3*	- 1·9	80	+29
1290	Kola	68 53	33 1	6·7	1007·2	1008·1	- 1·0	273·4	277·5	28th	266·9	258·5	12th	270·2	*270·8*	- 1·7	46	+19
1291	Petrozavodsk	61 47	34 23	79·0	1000·4	1010·2	- 4·2	278·2	283·9	9th	273·0	263·0	19th	275·6	*275·7*	- 0·4	106	+61
1292	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1293	Mezen	65 50	44 16	14·9	1005·5	1007·4	- 3·5	?273·9	?278·6	10th	268·7	256·7	24th	?271·3	*272·6*	- 0·6	72	+38
1294	Oust-Tsylma	65 25	52 18	68	998·8	1007·4	- 4·7	273·3	282·6	3rd	268·6	252·9	24th	271·0	*270·8*	- 0·7	48	+11
1295	Ichardyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1296	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1297	Obdorsk	66 31	66 35	35·2	1007·2	1011·7	- 0·2	271·5	280·7	4th	265·6	250·9	23rd	268·6	*268·4*	0·0	24	+ 5
1298	New Port	67 42	72 57	3·3	..	..	..	270·7	279·0	4th	263·9	249·0	31st	267·3	*267·4*	..	14	..
1299	Gourgout	61 15	73 24	48	1008·8	1014·9	+ 1·6	..	..	..	..	..	..	..	*272·4*	+ 1·9	44	+ 9
1300	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1301	Touroukhansk	65 47	87 57	45·0	1007·1	1012·8	- 0·8	..	..	..	..	..	..	..	*268·4*	+ 2·3	49	+17
1302	Yilliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1303	Yakoutsk	62 1	129 43	108	1003·8	1017·7	+ 1·6	..	..	..	..	..	..	..	*266·4*	+ 1·3	17	- 1
1304	Verkhdiansk	67 33	133 24	100	991·1	1004·2	- 8·0	..	..	..	..	..	..	..	*259·4*	+ 1·0	14	+ 7
1305	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1306	Malakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1307	Novo Marlinskii Post	64 45	177 33	22·7	1002·4	1008·3	- 6·6	..	..	..	..	..	..	..	*267·2*	- 1·0	21	+ 6
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105. ∮Change of normals, see page 105.

RÉSEAU MONDIAL

OCTOBER – ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	1002·0	- 1·5	277·9	280·2	3rd,4th	274·8	273·0	6,16,21	276·3	..	- 0·5	67	-53
303	Dutch Harbor (Radio)	53 55	166 30	4·0	999·9	1000·3	- 2·7	282·6	287·4	3rd	274·6	269·7	22nd	278·6	*278·7*	+ 0·3	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	280·7	284·7	12th	275·6	269·7	25th	278·1	..	..	189	-54
305	Dillingham	59 0	158 28	24·4	..	..	..	279·6	283·0	1st	271·2	264·7	22nd	275·4	..	+ 0·2	53	-46
306	Kodiak (Radio)	57 47	152 28	4·6	998·7	999·3	- 0·1	282·7	286·3	11th,12th	275·9	271·3	9th	279·3	*279·3*	+ 0·4	123	
309	Sitka	57 3	135 19	19·8	..	..	..	283·7	289·1	31st	275·9	269·7	10th	279·8	..	- 0·9	330	+65
310	Prince Rupert	54 18	130 18	51·8	1006·3	1012·6	+ 0·6	284·1	288·6	30th	276·6	271·9	11th	281·3	*281·5*	- 0·1	245	+ 6
311	Barkerville	53 2	121 35	1274	867·1	1014·1	0·0	278·6	283·0	24th	270·2	260·8	11th	274·4	*274·3*	- 1·4	87	-15
312	♯Kamloops	50 41	120 29	385	972·8	1019·3	- 0·8	284·9	293·0	16th	275·5	269·2	28th	280·2	*280·3*	- 1·4	4	
313	Calgary	51 2	114 2	1058	894·4	1018·2	+ 4·2	283·6	294·7	6th	269·1	258·9	31st	276·3	*275·7*	- 2·1	14	-17
314	Fort Chipewyan	58 42	111 10	218	985·8	1012·8	+ 0·8	278·6	288·6	8th	271·3	265·8	11th	274·9	*275·2*	+ 1·6	6	- 6
315	Prince Albert	53 10	105 38	437	963·2	1016·6	+ 1·7	280·8	289·1	7th	271·3	259·1	29th	276·1	*275·7*	- 0·5	15	- 9
316	Qu'Appelle	50 30	103 47	651	940·4	1018·9	+ 3·4	281·3	292·4	2nd	270·8	260·2	29th	276·1	*275·6*	- 1·3	16	-18
317	Minnedosa	50 15	99 50	515	954·1	1016·7	+ 1·4	281·5	289·7	3rd,7th	270·7	261·7	28th	276·1	*275·3*	- 1·5	4	-30
318	Berens River	52 18	97 23	216	..	..	..	280·7	289·7	3rd,8th	269·9	263·0	12th	275·3	..	- 2·2	6	
318a	Port Nelson	57 0	92 51	14·9	1009·7	1011·6	- 1·1	274·7	280·8	3rd	270·2	259·7	28th	272·4	..	+ 0·3	24	0
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	271·9	264·7	30th	..	..	..	41	-18
320	Moose Factory	51 14	80 30	9·1	1010·6	1011·7	- 2·1	281·9	294·1	4th	271·9	265·2	29th	276·9	..	- 0·2	29	-17
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	93	-15
324	♯Natashquan	50 8	61 48	6·1	..	..	..	..	286·3	3rd	..	270·2	28th	277·1	..	+ 0·1	89	
326	Belle Isle	51 53	55 23	130	991·1	1007·5	- 3·3	278·3	284·1	24th	274·3	269·7	31st	276·3	*276·1*	+ 0·5	151	
333a	62°-57°N. 20°-15°W.	††59 8	††17 23	§(45)	..	..	..	..	..	See Temp.	283·8	+0·3	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1004·9	1006·6	- 5·4	286·8	289·3	8th	282·3	276·5	2nd	284·5	284·8	+ 0·9	226	+79
335	Aberdeen	57 10	W. 2 6	26·0	1002·3	1005·5	- 4·7	284·3	289·8	8th	278·6	273·4	23rd	281·5	281·8	+ 0·4	72	- 3
336	Greenwich	51 28	0 0	46·3	..	1011·2	- 2·4	288·6	293·0	7th,8th	279·4	271·3	14th	284·0	283·8	+ 0·9	88	
337	Uccle	50 48	E. 4 22	100	1001·5	1013·6	- 0·9	288·1	292·8	8th	279·7	270·9	13th	283·9	283·0	+ 0·7	101	+69
338	De Bilt	52 6	5 11	3·0	1012·4	1012·8	- 1·1	287·2	291·3	10th	279·0	270·6	16th	283·1	282·8	+ 0·2	71	-44
338a	Hamburg	53 33	9 58	40·3	1008·8	1013·7	- 1·0	285·3	291·6	9th	279·7	272·9	14th	282·5	*282·6*	+ 0·1	107	+37
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·2	1011·8	- 1·6	284·3	287·5	7th	279·2	270·8	14th	281·7	*282·0*	+ 1·1	54	+ 9
340	Potsdam	52 23	13 4	84·9	1004·3	1014·7	- 0·8	286·6	293·5	9th	278·6	271·7	13th	282·6	282·2	+ 0·8	89	-16
340a	Uppsala	59 51	17 38	24	1008·9	1009·8	- 3·3	281·7	287·6	4th	275·4	267·3	2nd	278·5	278·7	+ 0·5	27	-39
341	Warsaw	52 13	21 3	89·9	1005·6	1016·6	- 1·8	286·2	292·2	23rd	277·9	272·1	8th	282·1	*282·6*	..	29	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1001·9	1011·9	- 3·5	281·3	286·7	7th	276·8	270·2	19th	279·0	278·8	+ 1·0		
343	Leningrad	59 56	30 16	8·6	1010·3	1011·3	- 3·9	280·2	286·7	10th	275·9	267·6	19th	278·0	*278·1*	+ 0·4	45	
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	996·8	1017·5	- 1·7	279·9	288·1	11th	275·1	269·1	17th	277·5	*277·3*	+ 0·6	43	-24
345	Saratov	51 32	46 2	127	1007·5	1023·4	+ 2·5	282·8	290·6	15th	273·4	269·6	21st	278·1	*277·5*	0·0	24	-46
346	Kazan	55 47	49 8	79·9	1010·4	1020·4	+ 0·4	280·2	287·5	1st	273·9	267·5	17th	277·1	*277·0*	+ 0·6	46	+ 5
347	Orenburg	51 45	55 6	109	1010·0	1023·6	+ 1·0	282·8	292·7	3rd	272·8	267·1	21st	277·8	*277·4*	0·0	51	
348	Perm	58 1	56 16	163	997·1	1017·4	- 0·4	..	..	..	..	..	..	..	*275·0*	+ 0·9		
349	Sverdlovsk	56 50	60 38	281	982·8	1017·7	0·0	..	..	..	..	..	..	..	*274·7*	+ 1·3	65	+99
350	Tobolsk	58 12	68 14	108	1004·0	1017·6	+ 1·0	..	..	..	..	..	..	..	*274·1*	+ 0·9	51	-15
351	Akmolinsk	51 12	71 23	347	980·6	1023·3	- 0·3	..	..	..	..	..	..	..	*276·8*	+ 1·9	4	+99
352	♯Omsk	55 1	73 19	108	1007·1	1020·6	+ 1·2	..	..	..	..	..	..	..	*276·5*	+ 1·9	9	- 8
353	Barnaoul	53 20	83 48	162	1004·2	1024·4	+ 1·8	..	..	..	..	..	..	..	*276·6*	+ 2·4	25	- 8
354	Tomsk	56 30	84 58	123	1005·8	1021·1	+ 1·2	..	..	..	..	..	..	..	*276·6*	+ 3·2	45	
355	Minousinsk	53 43	91 41	249	993·9	1024·8	+ 1·4	..	..	..	..	..	..	..	*276·1*	..	11	-38
356	Enisseisk	58 27	92 10	81·2	1010·4	1020·7	+ 2·2	..	..	..	..	..	..	..	*276·7*	+ 2·4	22	-17
357	Irkutsk	52 16	104 19	467	967·8	1025·4	+ 2·4	..	..	..	..	..	..	..	*274·3*	+ 2·6	9	-23
358	Kirensk	57 47	108 7	278	988·8	1023·8	+ 3·3	..	..	..	..	..	..	..	*274·6*	+ 1·7	8	-23
359	Tchita	52 2	113 30	685	938·2	1021·9	+ 1·6	..	..	..	..	..	..	..	*272·5*	+ 2·0	0	-19
360	Nertchinskii Zavod	51 19	119 37	621	946·4	1022·1	+ 2·7	..	..	..	..	..	..	..	*272·0*	+ 0·5	3	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	*273·2*	+ 1·8	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1000·0	1017·6	+ 0·5	..	..	..	..	..	..	..	*276·0*	+ 1·4	10	-17
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·4	1013·7	+ 1·9	..	..	..	..	..	..	..	..	..	80	-38
366	Okhotsk	59 21	143 17	6·0	1010·8	1011·6	- 0·3	..	..	..	..	..	..	..	*275·2*	+ 0·3	10	-40
															269·9	- 0·4		
368	Petropavlovsk (Phare)	52 53	158 43	87·1	997·6	1008·4	- 0·3	..	..	..	..	..	..	..	*276·7*	+ 0·1	64	-34
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 and 107.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

OCTOBER – ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
432	Victoria, B.C.	48 24	123 19	70·1	1008·6	1017·2	+ 0·3	285·1	290·1	8th	280·8	278·0	20th	282·9	*282·7*	- 0·3	91	+26
433	Portland, Oregon	45 32	122 41	48·6	1013·1	1018·6	+ 0·3	289·2	296·3	8th	280·2	274·7	22nd	285·6	*285·3*	+ 0·7	42	-41
434	Macleod	49 44	113 24	953	..	..	..	283·9	292·4	7th	272·5	263·0	12th	278·2	*277·9*	- 1·7	15	- 2
434a	Helena	46 34	112 4	1253	874·9	1018·3	+ 0·1	285·3	298·6	9th	274·5	265·8	31st	279·9	*279·9*	- 0·2	7	-15
435	Salt Lake City	40 46	111 54	1329	868·1	1015·9	- 0·9	290·8	300·2	9th	279·2	274·1	11th	285·0	*285·4*	+ 0·7	46	+ 7
436	Cheyenne	41 8	104 48	1856	814·0	1016·9	- 0·1	286·4	299·7	9th	274·1	263·6	31st	280·2	*281·1*	0·0	32	+11
436a	North Platte	41 8	100 45	860	917·7	1017·3	- 0·2	291·3	305·2	10th	277·2	268·6	22nd	284·2	*284·2*	+ 1·1	66	+39
437	Bismarck	46 47	100 38	510	956·3	1017·6	+ 0·8	287·3	298·0	9th	273·7	259·7	29th	280·5	*280·2*	+ 0·5	5	-19
438	Winnipeg	49 53	97 7	232	987·7	1016·3	+ 1·4	283·0	293·0	7th	273·3	264·1	29th	278·1	*277·5*	+ 0·3	11	-24
438	Duluth	46 47	92 6	345	974·4	1016·2	+ 0·3	283·9	293·6	8th	275·4	264·1	29th	279·7	*279·3*	+ 0·2	55	- 7
439	Port Arthur	48 27	89 12	196	991·5	1015·5	- 0·3	283·0	290·8	1st,6th	275·8	266·9	29th,30th	279·4	*278·9*	+ 1·3	65	+ 4
440	Chicago	41 47	87 35	205	993·5	1018·3	+ 1·0	290·6	303·6	11th	282·6	271·9	29th	286·6	*286·3*	+ 0·9	70	+ 5
441	Toronto	43 40	79 24	116	1004·2	1018·3	+ 0·5	288·2	300·9	12th	278·9	269·0	30th	283·6	*283·0*	+ 1·4	75	+10
442	New York (Central Park)	40 47	73 58	47·4	1014·5	1020·2	+ 2·1	292·4	303·0	12th	283·4	273·0	30th	287·9	*287·5*	+ 1·2	40	-56
443	St. John, N.B.	45 17	66 4	36·3	1012·6	1017·1	+ 1·2	285·1	292·6	8th	277·4	267·3	30th	281·3	*281·1*	+ 0·9	106	- 9
443a	S.W. Point, Anticosti	49 24	63 33	9·1	1011·2	1012·3	- 0·9	279·1	285·8	21st	274·7	268·0	28th	276·9	*277·1*	- 0·5	60	-30
444	Seble Island (Main Station)	43 57	60 6	7·6	1016·4	1017·3	+ 0·8	286·9	291·9	19th	281·9	273·0	30th	284·4	*284·1*	+ 0·1	66	-60
445	Port aux Basques	47 35	59 10	9·1	1011·7	1012·8	- 1·3	281·7	285·8	3rd	276·4	271·6	30th,31st	279·1	*278·9*	- 0·7	221	+82
446	St. John's, Newfoundland	47 34	52 42	74·1	1002·7	1011·8	- 1·5	..	..	..	..	..	..	280·1	..	- 0·3	81	-56
447	Madrid	40 24	3 41	667	938·4	1015·5	- 1·9	291·3	294·7	8th	282·1	277·6	30th	286·7	*285·8*	+ 0·4	17	-29
448	Nantes	47 15	W. 1 34	36·5	1009·6	1014·0	- 1·4	290·2	297·4	4th	281·7	275·5	2nd	285·9	285·7	+ 1·6	137	+41
449	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1009·1	1015·2	- 0·7	288·5	293·8	8th	280·1	273·6	16th	284·3	284·0	+ 1·0	117	+82
449a	Marseille	43 18	5 23	75	..	1015·8	+ 1·1	293·3	296·5	1st	283·3	276·0	15th	288·3	*287·0*	- 0·8	121	+23
450	Zürich	47 23	8 33	493	959·5	1018·0	+ 0·6	287·7	294·6	20th	278·6	272·1	18th	283·0	282·1	+ 0·5	61	-30
451	Rome	41 54	12 27	45·5	1011·7	1017·1	+ 1·1	294·4	299·2	2nd	285·8	278·4	18th	290·1	*290·2*	+ 0·6	171	+43
451a	Vienna	48 15	16 22	203	993·4	1018·0	+ 0·5	286·8	293·5	22nd	279·5	271·4	17th	283·2	282·9	- 0·1	16	-31
452	Budapest	47 31	19 1	130	1003·4	1019·2	+ 1·3	290·1	296·5	29th	279·7	272·5	17th	284·9	284·0	+ 0·2	15	-44
452	Sofia	42 42	23 20	550	955·8	1020·8	+ 2·1	290·0	304·0	1st	278·0	271·3	18th	284·0	*283·5*	- 0·7	15	-43
453	Bucharest	44 25	26 6	82	1011·1	1021·1	+ 2·1	291·5	303·2	1st	279·7	273·8	18th	285·6	284·4	- 0·2	24	-19
453a	Odessa (Observatory)	46 28	30 46	42·8	1016·4	1021·7	+ 1·9	287·0	303·5	1st	280·5	273·7	16th	283·7	*283·4*	- 0·9	41	+10
454	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
454a	Novorossiisk	44 44	37 49	37·1	1016·3	1020·8	+ 2·0	290·2	297·5	2nd	281·3	277·1	22nd	285·8	*285·9*	- 1·5	29	-19
455	Tiflis	41 43	44 48	404	973·8	1021·6	+ 0·5	291·1	300·8	3rd	280·7	276·0	19th,29th	285·9	285·4	- 1·1	43	+ 6
455	Astrakhan	46 21	48 2	-13·8	1025·9	1024·2	+ 1·2	..	..	..	..	..	..	..	*282·7*	- 1·0	29	+18
456	Fort Alexandrovsk	44 31	50 7	-23·0	1025·5	1022·7	+ 1·1	..	..	..	..	..	..	..	*284·3*	- 0·5	4	- 9
456	Krasnovodsk	40 0	52 59	-4·6	1021·2	1020·6	+ 0·1	..	..	..	..	..	..	..	*288·4*	- 1·6	13	+ 4
457	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	275·0	266·5	26th	..	*280·6*	+ 0·2	3	- 6
458	Tashkent	41 20	69 18	478	964·8	1021·1	- 1·0	293·5	303·3	1st	279·3	273·0	27th	286·4	*286·0*	+ 1·0	16	-11
459	Naryneskoe	41 26	76 13	2015	799·0	..	- 0·3	286·3	294·6	3rd	271·0	262·5	27th	278·7	*278·0*	0·0	1	-13
460	Alma Ata	43 16	76 53	841	925·1	1022·9	+ 0·1	288·8	300·0	2nd	277·2	252·4	25th	283·0	*282·7*	..	51	+ 3
461	Moukden	41 48	123 23	43·8	1014·8	1020·2	+ 1·0	288·9	298·6	1st	275·9	265·1	30th	282·4	281·4	- 0·6	27	-12
462	Joshin	40 40	129 11	31·9	1015·0	1019·0	+ 1·0	289·2	295·1	2nd,3rd	279·8	273·3	30th	284·5	284·1	- 0·5	32	-15
463	Yuki	42 20	130 24	63·8	1010·6	1018·4	+ 0·8	286·9	296·3	2nd	277·9	266·4	31st	282·4	282·5	- 0·4	173	+99
463	Vladivostok	43 7	131 54	128	1002·7	1018·4	+ 0·2	..	..	..	..	..	..	..	*281·5*	- 0·8	38	- 8
464	Ochini	47 20	142 47	27·4	1012·2	1015·6	+ 1·6	286·8	293·7	23rd	275·1	267·3	31st	280·9	280·8	+ 1·6	46	-53
464a	Nemuro	43 20	145 35	26·7	1014·1	1017·3	+ 1·6	289·5	294·3	9th	281·7	272·8	31st	285·6	285·2	+ 1·8	73	-24
465	Syana	45 14	147 53	39·3	1012·6	1017·4	+ 2·2	287·5	293·9	9th	279·0	273·1	27th	283·3	283·6	+ 1·8	118	+ 8
		N.	E.															

*For formulas employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N.

OCTOBER – ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
502	San Francisco	37 48	122 26	47·2	1010·8	1016·6	0·0	292·2	303·6	8th	284·4	282·4	14th	288·3	*287·5*	+ 0·4	3	-21
502	Sacramento	38 35	121 30	21·0	1012·4	1014·9	- 0·4	297·0	306·3	8th	283·2	279·1	28th	290·1	*290·4*	- 0·1	4	-16
503	San Diego	32 43	117 10	26·5	1011·3	1014·2	+ 0·1	293·1	296·9	17th	286·5	283·0	14th	289·8	*289·5*	- 0·5	4	- 5
504	Modena	37 48	113 54	1668	833·7	1014·2	- 1·3	292·0	300·2	8th	273·3	268·0	23rd	282·7	*282·9*	+ 1·0	6	-18
505	Santa Fé	35 41	105 57	2138	789·0	1014·2	+ 0·2	290·5	298·6	6th	278·1	270·8	17th	284·4	*284·6*	+ 1·5	46	+18
506	Denver	39 45	105 0	1613	838·3	1016·6	- 0·4	289·8	302·4	3rd	277·1	268·6	31st	283·4	*284·2*	+ 0·1	50	+25
507	Abilene	32 23	99 40	530	955·4	1015·9	- 0·6	300·5	308·6	1st	287·3	278·3	23rd	293·9	*292·8*	+ 2·7	39	-24
508	Saint Louis	38 38	90 12	173	997·9	1018·6	+ 0·3	294·6	304·1	12th	284·9	275·8	29th	289·8	*289·7*	+ 2·2	57	-15
509	Mobile	30 41	88 2	17·4	1016·9	1018·9	+ 1·8	300·2	305·2	9th	290·9	282·4	24th	295·6	*295·1*	+ 2·8	88	- 1
510	Nashville	36 10	86 47	186	1000·9	1020·6	+ 1·5	296·1	304·1	14th	285·5	276·3	31st	290·8	*291·0*	+ 2·0	173	+112
511	Charleston	32 47	79 56	14·6	1018·9	1020·6	+ 2·6	297·7	303·0	10th	291·0	280·8	30th	294·3	*294·6*	+ 1·9	27	-64
512	Washington	38 54	77 3	34·1	1017·3	1021·3	+ 2·5	293·9	304·1	13th	283·1	273·0	30th	288·5	*287·9*	+ 1·7	17	-56
513	Bermuda	32 17	64 46	48·0	1015·0	1020·4	+ 4·0	299·7	301·8	4th	292·4	289·9	28th	296·1	*296·1*	- 0·2	165	+17
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	∮Santa Cruz (Flores)	39 27	31 9	40	1019·5	1024·2	+ 4·7	294·5	297·6	18th	289·1	287·3	20th	291·8	291·5	- 0·2	110	-34
531	Horta	38 32	28 38	65	1017·0	1024·8	+ 5·6	293·6	296·0	18th	289·5	287·0	11th	291·6	291·3	- 0·8	38	-75
532	Ponta Delgada	37 44	25 40	22	1022·4	1025·1	+ 6·8	294·5	296·3	16th	289·8	287·6	25th	291·7	291·6	- 0·2	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	29	-87
533	Madeira (Funchal)	32 38	16 55	25	1019·6	1022·6	+ 4·5	296·1	298·0	5th	291·7	290·2	31st	293·9	*294·0*	+ 0·8	0	-215
536	Lisbon	38 43	9 9	95	1008·6	1019·8	+ 3·1	293·7	298·7	7th	287·6	281·3	31st	290·7	290·3	+ 0·5	18	-86
535a	Melilla	35 17	2 59	40	1013·1	1017·8	..	..	..	..	..	..	..	..	..	..	30	-12
536	Gibraltar	36 6	5 21	16·2	..	1018·0	+ 0·7	295·7	300·2	16th	288·8	284·1	30th	292·3	*292·1*	+ 0·2	18	-68
536a	Colomb-Béchar	31 36	W. 2 4	769	929·8	1014·7	..	300·4	307·5	1st	284·7	277·0	31st	292·5	*292·2*	- 0·4	45	+58
537	Palma	39 34	E. 2 39	23	1013·3	1016·0	- 1·0	297·3	302·8	1st	286·8	282·0	23rd,29th	292·0	*291·5*	+ 0·1	68	-11
538	Algiers (Bouzaréah)	36 48	3 2	342	976·3	1016·2	+ 0·3	293·6	300·6	3rd	288·9	284·4	31st	291·3	291·2	+ 0·2	170	+80
538a	Gadames	30 9	9 30	361	..	..	..	309·6	319·0	1st	289·3	285·0	26th	299·5	..	+ 3·2	0	-18
539	Tunis	36 48	10 10	75	1008·9	1017·7	..	298·0	306·6	4th	289·5	284·9	26th	293·7	*293·7*	+ 1·2	25	-40
539a	Malta	35 54	14 31	71·2	..	1017·1	+ 1·5	297·6	305·2	1st	292·8	289·1	25th,27th	295·2	*294·3*	+ 0·6	33	-30
540	Riposto	37 41	15 14	14·2	..	1018·7	+ 1·0	295·0	306·0	1st	288·9	284·0	16th	291·9	*292·8*	0·0	5	-37
541	Athens	37 58	23 43	107	1006·0	1018·6	+ 1·7	296·8	306·1	1st	287·8	282·8	18th	292·2	291·7	- 0·2	0	-6
542	Alexandria	31 12	29 53	32·0	1012·6	1016·3	+ 0·3	301·5	305·3	9th	293·7	290·2	27th	297·6	*296·8*	+ 0·4	..	..
543	Ankara (Angora)	39 58	32 48	861	920·1	1019·6	+ 0·9	292·1	302·9	2nd	275·6	270·5	18th,27th	283·8	*283·4*	..	10	-..
543a	Nicosia (P.W.D.)	35 9	33 22	159	998·2	1014·6	- 0·2	301·2	309·1	3rd	286·4	283·0	25th	293·8	..	- 0·3	11	-46
544	Beirut	33 54	35 28	33·7	..	1014·5	- 0·8	300·4	303·9	3rd	292·9	289·1	8th	296·6	*296·5*	- 0·1	11	-39
545	Hinaidi	33 17	44 29	32·3	1009·3	1013·2	- 0·2	305·0	313·0	4th	286·7	281·3	27th,28th	295·8	*296·5*	- 1·6	0	-..
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	296·7	302·7	5th	284·8	277·0	29th	290·8	*290·8*	- 0·1	1	-30
548	Meshed	36 17	59 38	946	877·9	..	..	294·6	304·5	6th	277·3	270·8	28th,27th	288·9	..	- 0·5	0	..
549	Seistan				..	..	..	302·2	308·6	14th	285·4	281·7	28th	293·8	..	+ 0·3	0	-..
550	Quetta	30 12	67 0	**1647	838·3	..	..	298·4	301·7	4th	277·9	272·2	28th	288·2	*288·2*	+ 1·3	0	-..
551	Peshawar	34 2	71 37	339	972·2	1011·3	- 0·4	305·6	308·6	1,3,8	288·8	285·9	31st	297·1	*296·3*	+ 1·3	0	-..
551a	Lahore	31 34	74 20	214	986·4	1011·0	- 2·1	308·0	310·7	1st	290·4	287·1	31st	299·2	*298·3*	+ 1·1	0	-..
552	Simla	31 7	77 8	2202	784·1	..	- 0·4	291·8	294·2	4th	284·4	280·3	28th	288·1	*289·1*	+ 0·9	18	-..
552a	Leh	34 10	77 42	3503	670·0	..	+ 0·6	290·1	293·1	4th	273·3	270·8	31st	281·7	*280·8*	+ 1·7	0	-..
559	Hankow	30 36	114 17	37·0	1017·5	1021·9	+ 0·8	297·9	302·8	27th	286·2	280·0	30th	292·1	*291·5*	+ 1·7	7	-..
560	Tientsin	39 9	117 9	6·4	1020·6	1021·3	+ 1·5	292·5	301·2	2nd	281·0	273·2	29th	286·7	*286·9*	+ 0·9	1	-..
561	Shanghai (Zi-ka-Wei)	31 12	121 28	7	1019·9	1020·7	+ 1·5	296·9	301·7	27th	285·1	279·9	31st	291·0	289·9	+ 0·9	1	-..
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1012·1	1020·3	+ 1·6	291·9	297·7	4th	281·9	274·4	31st	286·9	286·5	+ 0·3	115	-..
562a	Nagasaki	32 44	129 52	133	1001·9	1017·5	+ 1·3	295·0	299·4	27th	284·6	278·1	20th	289·9	289·3	- 0·8	8	-..
563	Kyoto	35 1	135 44	42·9	1012·5	1017·6	+ 0·7	296·1	301·5	28th	288·0	282·8	31st	292·1	291·3	+ 0·3	116	-..
564	Tokyo	35 41	139 46	5·8	1017·1	1017·8	+ 1·1	293·6	299·1	9th	286·2	280·8	31st	289·9	289·7	+ 0·6	266	-..
565	Hukusima	37 45	140 28	68·5	1010·5	1018·7	+ 1·0	293·0	298·6	10th	283·2	277·1	15th	288·1	287·5	+ 0·9	254	-..
566	Miyako	39 38	141 59	30·4	1014·2	1017·9	+ 1·7	293·3	299·1	9th	281·9	275·0	31st	287·6	286·6	+ 0·8	223	-..
		N.	E.				+ 1·2									+ 1·0		

OCTOBER – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1017·4	1017·9	+ 1·5	298·8	301·9	15th	292·5	287·4	31st	295·7	*295·3*	- 0·9	18	-..
605	Honolulu	21 19	157 52	11·6	1014·6	1015·9	- 0·1	300·6	301·9	27th	295·8	294·7	10th	298·2	*298·0*	+ 0·3	5	-..
613	Guaymas	27 55	110 53	8·3	1010·7	1011·6	..	304·9	310·0	6th	295·7	289·5	16th	300·3	*299·6*	- 0·6	14	-..
615	Leon	21 7	101 41	1809	822·1	1011·3	+ 0·1	300·1	303·4	2nd	284·6	280·9	9th	292·3	*291·4*	+ 0·4	17	-..
616	Monterry	25 40	100 18	528	955·2	1014·5	+ 0·2	300·5	305·7	10th	291·7	285·6	31st	296·1	*295·8*	+ 1·3	46	-..
617	Tulancingo	20 5	98 22	2181	791·5	..	+ 1·1	294·6	299·0	15th	281·7	277·5	23rd	288·1	*287·3*	- 0·2	97	-..
618	Galveston	29 18	94 50	16·5	1016·0	1017·9	+ 0·9	299·9	304·1	7th	294·4	285·8	31st	297·2	*297·2*	+ 1·9	85	-..
618a	New Orleans	29 57	90 4	16·2	1016·4	1018·3	+ 1·4	301·0	305·8	1st	292·7	284·7	31st	296·8	*295·9*	+ 1·9	..	..
619	Mérida, Yuc.	20 58	89 38	22	1011·7	1014·2	+ 0·7	304·4	306·6	21st	295·9	293·8	sev.dates	300·1	*298·8*	+ 0·9	106	-..
620	Havana	23 7	82 25	77·0	1005·3	1014·1	+ 0·7	302·4	305·6	17th	295·1	292·8	26th	298·7	298·3	..	111	-..
620a	Key West	24 33	81 48	6·7	1014·8	1015·6	+ 1·7	302·2	303·6	5th	296·8	294·1	25th	299·5	*299·1*	+ 0·5	116	-..
621	Nassau, Bahamas	25 5	77 20	9·6	..	1015·7	+ 1·6	302·0	303·6	3rd	295·9	292·4	22nd	298·9	*298·9*	- 0·6	58	-..
622	Watling Island	24 6	74 26	33·5	1012·5	1016·3	+ 2·0	..	303·0	1,8,24	..	297·4	23rd	..	*300·7*	+ 0·2	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	299·3	303·8	5th	292·3	289·5	24th	295·8	*295·0*	..	28	-..
634m	Izaña	28 19	16 30	2367	771·3	..	+ 2·0	288·3	293·6	10th	280·2	274·0	26th	284·2	*283·8*	+ 1·8	63	-..
634	La Laguna	28 26	16 20	547	955·7	1018·5	+ 2·0	295·3	302·8	17th	287·9	284·8	13th	291·6	*291·0*	- 0·1	20	-..
636	Adrar	27 38	W. 0 4	285	983·6	1016·1	..	306·6	316·3	2nd	289·9	283·3	30th	298·3	*300·0*	..	..	..
638	Laperrine	22 36	E. 5 26	1350	..	..	..	303·3	305·1	1st	289·0	283·8	27th	296·2	*297·6*	..	0	-..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	281·8	280·7	29th	..	..	..	0	-..
642	Siwa	29 12	25 29	-23	1019·8	1017·0	+ 1·3	?305·5	?311·0	3rd	288·5	284·5	23rd,24th	?297·0	..	..	0	-..
643	Cairo (Helwan)	29 52	31 20	116	1001·6	1014·8	- 0·3	302·0	306·2	1st	290·8	288·2	12,28,29	296·4	*296·2*	- 0·4	..	..
643a	Aswan	24 2	32 53	100	1000·4	1011·5	+ 0·1	309·4	314·7	16th	293·4	289·0	31st	301·4	*300·8*	0·0	0	-..
644	Tor	28 14	33 37	1·9	1011·5	1011·6	- 0·8	301·5	308·0	10th	291·8	288·5	20,21,28	296·6	*297·2*	+ 0·2	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108, 109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
**Height changed from 1673m. to 1647m. from October 1st.
∮Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1010·2	1010·7	..	304·3	309·1	31st	298·4	295·2	23rd,24th	301·4	*300·7*	+ 2·0	0	- 2
648	Jask	25 45	57 45	4·0	1008·2	1009·8	..	305·5	309·0	7th	297·4	295·1	29th	301·4	*300·7*	0·0	0	- 1
649	Karachi	24 53	66 57	4·0	1010·6	1011·0	- 0·9	303·3	309·8	22nd	296·4	294·2	5th	299·9	*299·2*	0·0	13	+13
650	Jacobabad	28 17	68 29	56·7	1004·3	1010·8	- 0·2	311·9	315·1	5th	292·0	287·7	28th,29th	301·9	*301·1*	+ 1·6	0	- 1
651	Jaipur	26 56	75 52	436	963·3	1011·8	- 0·1	306·8	310·5	2nd	293·5	291·1	19th,20th	300·2	*299·6*	+ 0·9	125	+117
652	Nagpur	21 8	79 5	310	976·3	1011·2	- 0·4	305·1	307·2	12th	293·9	291·3	16th	299·5	*299·0*	+ 0·2	87	+34
652a	Allahabad	25 25	81 51	94·2	999·9	1010·7	- 0·6	305·8	311·0	1st	295·1	290·6	30th	300·4	*299·6*	+ 1·1	90	+31
654	Darjeeling	27 3	88 15	2265	778·1	..	- 0·2	289·8	292·2	5th	284·1	280·4	31st	286·9	*286·9*	+ 0·8	207	+92
655	Calcutta	22 32	88 20	6·4	1010·3	1011·1	+ 0·1	304·4	305·7	1st	298·0	296·2	21st	301·2	*300·9*	+ 1·3	74	-38
655	Gauhati	26 8	91 41	59·7	1006·0	1012·8	+ 0·3	302·1	305·4	4th,6th	295·1	292·3	31st	298·6	*297·9*	- 0·5	158	+87
656	Cherrapunji	25 15	91 42	1313	871·3	..	+ 1·3	294·0	297·9	2nd	289·1	286·6	28th,30th	291·6	*291·0*	- 0·3	923	+383
656a	Akyab	20 11	92 56	6·1	1010·6	1011·6	+ 0·2	302·9	304·9	5th	297·0	295·1	31st	299·9	*299·5*	- 0·8	619	+342
657	Mandalay	21 59	96 0	76·2	1004·0	1012·7	+ 1·0	305·9	307·8	2nd	296·7	290·4	24th	301·3	*300·9*	- 0·2	234	+114
658	Phu Lien	25 2	98 33	1626	837·8	1011·5	..	293·1	298·0	3rd	285·8	280·2	31st	289·4	*288·6*	- 0·4	445	+285
659	Moncay	21 31	107 51	9·0	..	1015·7	+ 2·1	300·9	304·6	2nd	292·8	288·9	23rd	296·8	296·3	- 1·3	64	-66
660	Hongkong	22 18	114 10	33·2	..	1015·2	+ 1·5	302·2	307·3	2nd	292·0	286·7	25th	297·1	*296·4*	- 1·0	78	-90
661	Amoy	24 26	118 4	4·9	..	..	..	299·7	301·6	29th	294·7	292·3	21st	297·2	296·9	- 0·7	11	-114
661	Taihoku, Formosa	25 2	121 31	9·3	1015·5	1016·6	+ 1·5	301·3	303·6	4th	294·5	290·2	31st	297·8	296·7	- 0·7	0	-49
662a	Basco	20 28	121 59	18·7	..	1010·7	+ 0·2	299·1	304·0	14th	292·0	287·0	9th	295·5	295·0	- 0·9	43	-79
663	Naha	26 12	127 39	29·5	1010·2	1013·6	+ 1·6	301·3	304·0	2nd	297·4	295·2	9th	299·3	299·0	- 0·4	155	-179
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1010·5	1011·0	- 2·2	299·1	301·9	2nd	294·2	290·9	20th	296·7	296·6	- 0·3	65	-97
		N.	E.					301·7	303·4	1st	297·0	294·0	31st	299·3	299·1	+ 0·6	209	+67

BETWEEN LATITUDE 20° N. AND 10° N.

OCTOBER – ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N.	W.															
704	Colima	19 12	103 45	498	956·7	1012·3	+ 1·5	303·7	308·1	25th	292·5	290·1	9th	298·1	*297·6*	- 0·2	91	+ 1
705	Morelia	19 42	101 7	1923	810·4	1010·9	+ 0·2	295·5	297·4	2nd	285·6	282·5	29th	290·5	*289·9*	+ 0·7	58	- 9
706	Mexico, Tacubaya	19 24	99 12	2309	775·7	..	+ 0·5	295·1	298·3	11th	282·1	278·5	23rd	288·6	*287·7*	+ 0·1	42	- 9
706	Salina Cruz	16 12	95 12	56	1004·4	1010·8	- 0·6	303·0	304·2	11th	295·9	293·5	6th	299·5	*299·8*	- 0·1	119	+18
707	San Salvador	13 42	89 13	682	936·3	1011·5	- 0·2	305·6	307·0	sev.dates	291·1	289·0	22nd,23rd	298·3	*296·3*	+ 0·4	174	-93
707	Belize	17 31	88 11	5·2	1012·6	1013·2	+ 1·5	..	..	..	295·4	293·3	30th	..	‡*297·3*	- 0·4	251	-84
708	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·3	+ 0·8	304·4	308·7	9th	295·9	294·7	30th	300·2	*299·8*	+ 0·5	126	-83
709	Port au Prince	18 33	72 20	37·4	1006·5	1012·8	+ 0·6	304·9	307·9	11th	295·1	292·9	6th	300·0	*299·7*	+ 0·3	199	+32
710	Caracas	10 30	66 56	1042	898·3	1012·3	+ 0·2	299·6	302·0	24th	288·3	285·8	29th	293·9	*292·9*	- 0·3	116	+19
711	San Juan, Porto Rico	18 29	66 7	25·0	1010·5	1013·2	+ 0·3	302·6	304·7	23rd	296·6	295·2	7th	299·6	*299·1*	0·0	63	-92
712	Granada (Richmond Hill)	12 5	61 46	188	990·4	1011·8	+ 0·5	303·8	305·2	26th	296·6	294·7	6th	300·2	*299·6*	+ 0·5	106	-91
713	Barbados	13 8	59 36	55·2	..	1012·4	+ 0·3	302·9	303·7	2nd,23rd	295·8	293·9	12th	299·3	*299·1*	- 0·1	204	+10
714	São Vicente, C. Verde Is.	16 54	25 4	11	1012·3	1013·5	+ 0·1	302·0	304·0	15th	297·7	294·0	1st	299·8	*299·8*	+ 1·0	13	-17
714	São Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..
715	Dakar	14 40	17 26	32	..	1011·9	..	305·7	308·6	3rd	297·6	295·0	31st	301·7	*300·4*	+ 0·6	41	- 9
716	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·1	305·2	1st	297·9	294·7	10th	300·5	*300·9*	+ 0·3	108	..
717	Médénbalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
719	Sokoto	13 2	E. 5 14	353	..	..	..	310·4	313·6	28th	295·0	291·9	26th	302·7	*302·0*	+ 0·9	16	+ 1
720	Kaduna Capital	10 32	7 25	?637	..	..	..	304·2	306·6	18th	..	..	..	..	‡*298·6*	+ 0·7	77	+ 7
721	Hadeija	12 40	10 5	?	..	..	..	310·0	311·3	sev.dates	..	..	..	..	‡*302·6*	+ 0·1	0	- 6
722	Maiduguri	11 47	13 11	361	..	..	..	310·8	313·6	28th,31st	295·7	289·7	27th	303·3	*302·6*	+ 1·3	0	-15
723	El Fasher	13 32	25 18	730	927·1	1007·5	..	310·1	312·0	17th,18th	290·3	284·5	31st	300·2	*299·2*	- 0·4	0	- 7
724	∮El Obeid	13 11	30 14	563	945·9	1007·5	+ 0·3	310·3	312·3	4th	294·2	291·0	31st	302·2	*301·5*	+ 0·9	3	-15
725	Khartoum	15 37	32 33	390	964·4	1007·4	0·0	312·6	318·0	4th	298·2	295·7	21st	305·4	*305·6*	+ 1·1	0	- 5
726	Port Sudan	19 37	37 13	5·5	1010·0	1010·7	- 0·1	307·7	311·8	2nd	298·2	295·2	19th	303·0	*302·5*	+ 0·6	21	+11
727	Berbera, Somaliland	10 22	45 2	13·6	1008·5	1010·1	- 1·5	306·2	309·7	1st	298·0	295·2	28th	302·1	*302·2*	0·0	0	- 3
728	Aden	12 45	45 3	28·7	1008·3	1011·5	- 0·9	306·2	307·7	7th	298·9	296·3	27th	302·5	*301·6*	+ 0·7	0	- 2
729	Bombay	18 54	72 49	11·3	1009·6	1010·8	- 0·7	304·3	308·1	22nd	297·7	295·7	28th	301·0	300·4	0·0	11	-44
730	Kodaikanal	10 14	77 28	2343	771·1	..	0·0	290·7	294·1	1st	284·3	282·7	18th	287·5	*286·7*	+ 0·7	308	+62
731	Bangalore	12 59	77 38	921	910·1	1010·3	- 0·2	300·8	304·3	1st	292·2	290·2	1st	296·5	*295·7*	+ 0·6	409	+259
732	Madras	13 4	80 14	6·7	1008·8	1009·6	- 1·0	304·4	307·6	7th	297·6	296·4	9th	301·0	*300·2*	+ 0·1	529	+231
733	Vizagapatam	17 42	83 19	11·6	1008·9	1010·2	- 0·3	302·9	304·3	6th	298·2	294·2	22nd	300·6	*299·9*	- 0·3	635	+456
734	Port Blair	11 40	92 40	18·0	1008·9	1010·9	+ 0·1	302·4	304·0	31st	297·6	295·5	1st	300·1	*299·4*	- 0·4	445	+163
735	Rangoon	16 46	95 48	5·5	1011·6	1012·3	+ 0·7	304·5	308·5	18th	297·3	294·4	23rd	300·9	*300·0*	+ 0·2	120	-55
736	Cap St. Jacques	10 20	107 5	180	..	1011·0	..	301·2	303·1	5th	295·8	294·8	sev.dates	298·5	*298·1*	- 0·6	299	+81
737	Khatrang	12 15	109 12	3·6	..	1011·0	..	302·3	304·4	12th	296·5	292·7	25th	298·9	*298·4*	- 0·7	263	-83
738	Bolinao	16 23	119 53	2	..	1007·6	+ 0·2	303·9	305·7	15th	297·2	293·9	20th	300·5	*300·3*	+ 0·1	37	-128
739	Vigan	17 34	120 23	12·2	..	1007·7	- 0·8	304·3	306·6	16th	296·5	294·0	31st	300·4	299·8	- 0·5	18	-133
740	Manila	14 35	120 59	14·2	..	1008·0	- 0·8	304·2	306·6	15th	296·3	294·5	18th	300·3	299·4	- 0·1	89	-100
741	Ormoc	11 0	124 36	5·6	..	1006·2	- 1·7	305·1	306·6	2nd	295·7	294·5	12th,17th	300·4	*299·4*	+ 0·2	269	+32
742	Guam, Ladrone Is.	13 24	144 38	18·6	..	1004·4	- 3·4	302·7	304·6	18th	297·6	296·2	30th	300·1	*300·7*	+ 0·7	431	+95
743	Saipan	15 14	145 46	207	982·6	1002·7	..	300·9	302·5	11th,31st	296·1	294·6	2nd	298·5	298·4	..	639	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110.
∮Change of normals, see page 111.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·2	1010·8	– 0·5	304·8	306·9	10th	..	..	..	..	‡302·4	+ 0·3	110	+38
821	Cristobal	9 23	79 23	11·0	..	1009·7	– 0·6	303·6	305·2	20th	298·8	295·8	14th	300·2	299·6	+ 0·7	450	+74
822	Bogota	4 36	74 5	2645	746·4	..	..	291·9	293·7	31st	282·7	278·9	1st	287·3	286·9	..	38	–131
822a	♯Merida, Venez.	8 36	71 9	1641	‡ 840·9	..	0·0	297·0	300·0	24th	288·0	287·0	5th	292·5	*291·4*	– 0·1	204	–38
823	Ciudad Bolivar	8 9	63 33	38	1005·9	1010·2	..	305·4	307·0	26th	297·0	293·0	16th	301·2	*300·7*	0·0	19	–83
824	El Peru, Guayanaviejа	7 19	61 49	220	984·5	1009·3	0·0	303·8	304·9	25th	295·7	294·5	18th	299·7	*299·1*	+ 0·9	33	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·0	– 0·5	304·3	305·2	14th	297·2	295·8	3rd	301·1	*300·7*	+ 0·8	7	–85
826	Paramaribo	5 49	55 9	3·7	..	1011·4	– 0·8	306·9	307·8	10th,31st	296·2	294·9	28th,29th	301·5	*300·7*	+ 0·7	94	+42
826a	Cayenne	4 56	52 21	6	..	..	..	306·3	307·0	22nd	295·6	295·0	11th	301·0	*300·6*	0·0	0	–34
										Sea Temp.								
831	10°-5°N. 30°-25°W.	††7 5	††27 4	§(89-118)	..	1013·2	+ 1·0	..	..	300·1|-0·1	..	..	..	..	299·5	0·0	..	..
833	Konakri	9 31	13 43	18	..	..	..	..	..	..	..	..	..	..	..	0·0	303	+36
834	Freetown, Sierra Leone	8 29	13 14	68·3	1006·4	1014·3	+ 2·7	301·9	304·1	23,25,26	295·0	293·0	14th	298·5	*297·8*	– 1·2	417	+59
835	Assuantsi	5 18	1 15	101	..	..	..	302·1	304·7	27th,29th	294·3	291·9	11th	298·2	..	– 0·2	178	+ 3
836	Accra	5 33	W. 0 12	16·0	1010·0	1011·8	+ 0·2	302·2	303·9	28th	296·2	294·2	2nd	299·2	*298·8*	0·0	61	..
837	Lagos	6 27	E. 3 24	3·0	1009·7	1010·0	– 1·0	301·8	303·2	24th	296·3	293·8	1st	299·1	*298·5*	– 0·4	322	+201
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	302·4	304·1	..	296·1	293·0	..	299·3	*298·9*	..	214	–36
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	63	+38
841	Wau	7 42	28 3	440	..	..	..	..	..	..	295·4	294·1	sev.dates	..	‡*300·6*	+ 0·6	140	+31
					..	..	..	..	..	..	293·8	291·5	7th,8th	..	*299·0*	+ 0·5		
843	♯Malakal (Kodok)	9 35	31 37	394	965·1	1009·2	+ 0·2	307·0	310·0	25,27,30	294·9	292·4	2nd	301·0	*299·6*	+ 0·3	94	+19
843a	♯Mongalla	5 11	31 47	448	959·2	1009·5	– 0·2	307·3	311·4	18th	293·3	291·3	2nd	300·3	*298·9*	+ 0·2	105	0
844	Entebbe	0 5	32 29	1171	884·0	1010·4	+ 0·5	299·4	300·8	sev.dates	290·2	288·0	8th,9th	294·8	*294·0*	+ 0·1	186	+96
845	Sheikh	9 55	45 15	1463	..	..	..	299·4	301·3	2nd,3rd	285·8	281·3	27th	292·6	..	..	48	–37
851	Minicoy	8 17	72 49	2·1	1010·8	1011·0	– 0·4	303·3	304·7	8th,10th	298·0	296·6	22nd	300·7	*300·0*	..	124	–37
851a	Cochin	9 58	76 21	2·7	1011·0	1011·5	– 0·2	301·6	303·9	31st	296·8	295·4	7th	299·2	*298·5*	– 0·7	451	+288
852	♯Colombo Observatory	6 54	79 52	7·3	..	1010·4	+ 0·6	301·9	303·9	1st	297·2	295·2	18th	299·5	*298·8*	0·0	827	+421
853	♯Nuwara Eliya	6 58	80 46	1881	813·9	1012·1	+ 0·5	291·2	294·2	16th	285·5	281·4	28th	288·3	*287·7*	– 0·1	202	+69
854	♯Trincomalee	8 35	81 15	30·2	..	1008·1	+ 0·1	304·2	307·8	7th	297·3	295·3	14th	300·7	*300·0*	+ 0·2	202	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·7	– 0·4	..	..	..	..	..	..	..	..	..	802	+83
856	Medan	3 35	98 41	25·0	..	1010·1	– 0·2	..	..	..	..	..	..	..	..	..	478	+201
857	Penang	5 34	100 20	5·0	..	..	..	302·7	304·6	28th	295·8	294·6	8th	299·3	298·5	+ 0·3	236	–48
858	Singapore	1 18	103 51	10·9	1009·1	1010·3	+ 0·3	307·1	307·4	12th	294·3	292·7	23rd	300·7	*299·8*	+ 0·7	231	–46
859	Sandakan	5 50	118 7	31·7	..	..	..	303·5	305·3	28th	296·6	295·5	18th	300·1	*299·6*	– 0·1	217	–33
860	Iwahig	9 44	118 38	14·3	..	1007·5	– 0·3	304·1	305·8	2nd	296·4	295·8	18,22,30	300·3	*300·7*	– 0·1	231	..
861	Tagbilaran	9 38	123 51	21·3	..	1006·3	– 1·5	303·6	305·1	1,2,10	295·4	292·5	31st	299·5	*299·1*	+ 0·1	73	–121
861a	Menado	1 30	124 50	8·5	..	1008·2	– 0·7	304·5	307·7	18th	297·1	294·7	31st	300·8	299·9	+ 0·1	336	+154
862	Surigao	9 48	125 29	6·0	..	1007·0	– 1·3	304·3	305·1	16th	296·0	293·5	1st	300·1	299·7	+ 0·2	261	– 3
863	Kolonia, Yap	9 29	138 8	29·3	..	1006·7	– 1·5	303·4	306·0	1st	297·4	296·2	9th	300·4	300·1	+ 0·2	291	..
864	Palau	7 20	134 29	31·8	1003·7	1007·3	..	303·7	305·4	31st	297·8	296·2	1st	300·7	300·0	+ 0·1	232	..
867	Ponape	6 58 N.	158 13 E.	38·9	1003·3	1007·7	..	303·0	304·4	20th	298·0	294·8	27th	300·5	300·5	..	598	..
902	Atafu	8 32 S.	172 31 W.	2	..	1010·3	..	304·0	305·7	29th	298·9	295·9	31st	301·5	*301·1*	..	110	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·6	308·4	3rd	295·6	293·2	11th	300·6	*300·4*	..	53	–53
925	♯Taperinha	2 30	54 20	21·5	1008·3	1010·7	+ 0·1	307·1	309·0	25th	296·3	295·3	2nd	301·7	*300·3*	+ 0·7	7	–19
927	Turyassu	1 43	45 26	9·1	1010·2	1011·2	+ 0·3	305·6	307·2	23rd,24th	295·8	295·0	30th	300·7	*299·8*	– 0·1	10	–26
928	Barra do Corda	5 30	45 16	81·0	999·4	1008·6	– 1·0	307·9	311·2	23rd	296·0	293·4	21st	302·0	*301·2*	+ 1·5	6	+ 1
929	♯Quixeramobim	5 16	39 15	207	989·1	1012·4	+ 0·7	305·6	306·7	24th	297·6	296·4	2nd	301·6	*301·3*	+ 0·1	3	– 1
930	Fernando Noronha	3 50	32 25	106	1001·6	1013·6	+ 0·5	300·2	300·9	18th	296·7	295·2	11th	298·4	*298·3*	– 0·2	5	..
930a	5°-10°S. 35°-30°W.	††7 22	††33 12	§(33)	..	1014·3	..	..	..	Sea Temp. 298·7|0·0	..	..	..	..	298·2	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1013·9	1015·7	+ 0·4	300·1	301·3	3rd	294·4	293·0	28th	297·2	*296·3*	– 0·4	7	0
939	Loanda	8 49	E. 13 13	51	..	1012·5	– 0·1	299·2	300·3	1st	295·0	293·3	2nd	297·1	296·3	+ 0·5	2	– 4
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	299·4	303·0	7th	288·1	285·8	4th,8th	293·7	..	..	186	+46
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	..	..	..	..	..	..	..	..	..	86	– 8
944a	Zanzibar	6 10	39 11	17·1	1014·1	1016·0	– 0·1	300·8	304·7	28th	285·8	280·2	8th	293·3	..	..	43	–76
945	Lamu	2 16	40 50	3·0	..	..	..	301·7	303·1	8th	297·2	296·2	12th	299·4	*298·6*	+ 0·1	2	–78
947	Seychelles, Port Office	4 37	55 27	4·6	1012·8	1013·4	+ 1·1	301·3	301·9	18th,21st	297·4	295·8	9th	299·3	*299·0*	– 0·4	46	–111
								301·2	302·6	30th	296·6	294·7	25th	298·9	*298·1*	– 0·4		
957	Padang	0 56	100 22	6·7	..	1011·3	+ 0·3	302·5	304·6	8th	296·4	294·9	7th	299·5	298·9	– 0·1	254	+40
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	– 0·3	304·5	306·5	3rd	296·7	295·6	15th	300·6	300·0	+ 0·4	175	–108
958a	Pontianak	0 1	109 20	2·6	..	1009·6	– 0·7	305·0	307·1	27th	297·4	296·5	18th	301·2	300·3	+ 0·7	186	–108
959	Pasuruan	7 38	112 55	5·0	..	1010·2	– 0·2	306·0	307·7	21st	296·4	294·9	21st	301·2	301·3	+ 0·8	70	–104
960	Kajoemas	7 56	114 9	1080	..	..	..	..	..	..	..	..	..	..	..	..	..	..
962	Amboina	3 42	128 10	4·2	..	1008·9	– 1·2	302·3	303·3	28th	296·5	294·4	25th	299·4	299·1	+ 0·2	120	–145
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	161	+19
965	Daru	9 4	143 13	7·6	..	1010·5	– 0·8	302·4	..	..	296·9	..	..	299·7	*299·3*	0·0	160	+91
966	Port Moresby	9 29	147 9	38·4	..	1010·2	– 1·2	303·3	..	..	297·0	..	..	300·1	*299·7*	+ 0·5	68	..
967	Rabaul	4 9	152 12	12·5	1006·2	1007·7	– 1·4	305·4	307·8	3rd	296·3	295·0	31st	300·9	*300·3*	0·0	301	+151
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·2	305·8	29th	298·3	296·3	9th	300·7	*300·5*	+ 0·3	138	–70
970	Ocean Island	0 52	169 35	42·6	1004·4	1008·2	– 1·3	306·8	308·0	19,25,29	299·2	298·0	2nd,3rd	303·0	*302·2*	+ 1·7	19	..

OCTOBER – ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

*For formulas employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of the observations. § Number of observations. ♯Change of normals, see page 112.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1201	Apia, Samoa	13 48	171 46	2·0	..	1010·2	– 1·0	302·7	303·8	28th	296·4	294·3	11th	299·6	299·4	+ 0·1	194	+32
1202	Alofi, Niue Island	19 2	169 55	19·8	..	1013·3	– 0·9	301·6	303·6	28,29,30	292·9	290·2	4,5,25	297·2	*297·0*	– 0·4	145	+29
1203	Lima	12 5	77 3	111	998·8	1011·8	..	294·1	296·9	30th	286·8	285·5	29th	290·5	288·9	..	1	..
1204	Tacna	18 0	70 18	560	..	..	..	299·6	302·0	sev.dates	283·3	280·3	8th	291·5	*288·8*	– 0·5	1	– 2
1205	Corumba	18 59	57 39	118	997·1	1010·2	+ 0·7	307·1	311·6	21st	293·8	287·2	6th	300·4	*300·1*	+ 1·3	39	–63
1206	Cuyaba	15 36	56 6	165	991·1	1009·6	+ 0·3	307·3	312·8	21st	294·4	289·5	6th	300·8	*299·5*	+ 0·2	79	–35
1207	Bello Horizonte	19 55	43 57	895	914·8	1013·5	+ 0·7	301·0	307·0	22nd	289·2	285·2	13th	295·1	*294·5*	+ 0·3	123	– 6
1208	Ondina (Bahia)	14 3	42 37	897	916·3	1014·4	+ 1·3	301·8	307·5	23rd	288·8	286·7	1st,2nd	295·2	*295·8*	– 0·1	9	–82
1209	Aracaju	13 0	38 31	46·6	1009·4	1014·8	+ 0·8	300·6	302·8	13th	294·9	293·3	30th	297·8	*297·6*	0·0	125	+ 6
		10 55	37 3	6·1	1015·8	1016·6	+ 1·7	300·8	302·2	13th	295·6	292·9	30th	298·2	*297·9*	..	79	..
1210a	15°-20°S. 40°-35°W.	††17 18	††38 10	§(39)	..	1016·3	..	..	..	Sea Temp. 297·2|-0·1	..	..	..	..	297·7	..	..	..
1210b	10°-15°S. 40°-35°W.	††12 58	††36 14	§(33)	..	1015·1	..	..	..	298·6	..	..	..	..	..	..	..	..
1211	St. Helena	15 57	W. 5 40	579	948·5	1015·9	+ 1·0	289·3	291·3	11th	285·2	284·1	1st	287·3	*287·1*	– 0·3	25	..
1240	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	322	+202
1241	Livingstone	17 51	25 51	972	905·3	1008·2	..	309·2	312·8	13th	295·4	287·3	4th	302·3	..	..	214	–36
1242a	Elisabethville	11 39	27 28	1236	877·8	1009·3	+ 1·4	306·0	308·8	..	286·6	..	..	296·3	..	..	63	+38
1242	Gwelo	19 26	30 2	1411	..	..	..	306·7	310·8	12th	287·3	283·6	3rd	297·0	..	+ 2·7	140	+31
1243	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·5	1009·8	– 0·3	304·4	308·1	25th	288·0	282·7	7th	296·2	295·8	+ 1·6	9	–20
1244	Zomba	15 23	35 18	955	907·3	1010·6	– 1·1	303·7	306·3	sev.dates	291·2	286·9	30th	297·5	*297·7*	+ 1·1	2	–37
1245	Mossuril	15 57	40 40	15	..	1014·4	..	305·1	308·1	24th	293·8	290·1	7th	299·5	299·0	..	20	..
1246	Antananarivo	18 55	47 33	1375	865·9	1013·8	– 0·4	299·8	302·8	10th	285·4	282·2	14th	292·6	291·9	+ 0·4	11	–53
1247	Cocos, Keeling Is.	12 5	96 53	4·6	1013·3	1013·9	– 1·5	301·8	304·1	14th	297·2	294·8	12th	299·6	*299·2*	0·0	292	+199
	Christmas Island	10 25	105 43	5·5	1009·5	1010·2	+ 0·2	303·9	304·7	sev.dates	296·7	295·2	31st	300·3	*299·7*	+ 0·1	34	–41
1248	Kupang	10 10	123 34	45·1	..	1010·7	– 0·4	306·8	308·8	31st	296·4	294·6	6th	301·6	300·9	+ 0·7	17	– 1
1249	♯Derby	17 18	123 40	16·2	1008·4	1010·2	– 1·2	308·0	313·6	15th	296·3	292·4	1st	302·2	..	+ 0·1	0	– 2
1250	♯Hall's Creek	18 13	127 46	373	967·3	1007·6	– 3·4	311·7	315·8	19th	297·3	289·3	2nd	304·5	*303·9*	+ 2·9	20	+ 4
1251	♯Darwin	12 28	130 51	29·6	1005·9	1009·3	– 1·0	306·9	309·3	30th	299·3	297·1	2nd	303·1	*302·0*	+ 0·5	26	–25
1252	♯Daly Waters	16 16	133 23	211	984·2	1007·4	– 2·5	313·6	318·3	22nd,23rd	297·1	293·0	18th,19th	305·3	*304·7*	+ 2·3	6	–16
1253	♯Wein	13 15	142 50	122	994·6	1008·5	– 2·1	307·4	310·2	24th,30th	294·1	290·2	23rd	300·8	..	+ 0·6	2	–11
1254	♯Georgetown, Queensland	18 22	143 32	302	976·4	1010·1	– 2·3	310·8	313·6	16th	294·5	287·4	4th	302·6	..	+ 2·0	0	–18
1255	Willis Island	16 18	149 59	8·5	1010·1	1011·2	..	302·3	304·1	28th	297·4	294·6	1st	299·8	*299·8*	..	21	..
1256	Samarai	10 37	150 40	6·1	..	1010·5	– 0·8	..	..	..	296·8	..	..	..	*301·2*	+ 1·5	421	+199
1257	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·1	1012·8	– 0·4	301·3	306·3	31st	294·8	292·4	11th,25th	298·1	*297·9*	+ 0·8	40	–171

BETWEEN LATITUDE 20° S. AND 30° S.

OCTOBER – ZONE 11 (AMERICA, AFRICA)

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1260	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·8	303·6	30th,31st	291·6	288·6	3rd	296·2	*296·0*	+ 0·5	179	+45
1261	Punta Tortuga, Coquimbo	29 56	71 21	27	1014·0	1017·3	+ 0·2	289·4	292·0	6th	284·0	281·2	17th	286·7	*286·8*	+ 0·3	0	– 1
1262	Iquique	20 12	70 11	6	1015·0	1015·7	– 0·5	292·6	294·8	25th	..	..	..	..	*289·0*	– 1·2	0	0
1263	Catamarca	28 27	65 47	510	952·8	1010·3	– 0·3	301·3	310·0	25th	287·2	279·5	5th	294·2	*293·6*	– 1·2	34	+ 7
1264	Salta	24 46	65 28	1182	881·3	1009·5	– 0·1	298·7	307·8	14th	284·9	277·0	6th	291·8	292·2	0·0	31	0
1265	Goya	29 9	59 15	37	1009·7	1014·0	+ 0·7	300·7	308·4	27th	288·7	283·2	7th	294·7	*294·1*	+ 1·3	69	–44
1266	Asuncion	25 17	57 41	93	1003·0	1013·7	+ 1·6	302·4	309·7	31st	292·1	284·6	6th	297·2	*296·3*	+ 0·6	278	+129
1267	Curityba	25 25	49 17	908	914·7	1018·4	+ 1·0	294·8	303·0	22nd	284·8	276·3	14th	289·8	*288·8*	– 0·1	108	–35
1268	Rio de Janeiro	22 54	43 10	18·3	1013·9	1016·0	+ 1·5	297·9	305·2	16th	291·4	288·0	13th	294·7	294·3	– 0·2	62	–21
										Sea Temp.								
1269	25°-30°S. 50-45°W.	††27 27	††47 51	§(39)	..	1018·3	..	..	..	292·7|-0·5	..	..	..	..	293·3	..	..	..
			W.															
1270	Windhoek	22 34	E. 17 6	1727	830·8	1010·0	..	302·6	305·0	12th	287·6	277·5	1st	295·1	*294·8*	+ 0·8	0	–11
1271	O'Okiep	29 36	17 52	933	911·8	1016·1	+ 0·1	297·7	306·7	31st	282·9	276·3	20th	290·3	*290·0*	+ 0·1	3	– 8
1272	Kimberley	28 44	24 46	1218	‡ 884·5	‡1015·0	+ 0·7	301·7	307·7	12th	285·2	274·1	1st	293·5	*293·2*	+ 0·8	18	– 7
1273	Johannesburg	26 11	28 4	1806	823·7	1013·4	– 0·5	297·2	303·8	8th	285·3	274·6	2nd	291·2	*290·9*	+ 1·1	60	– 5
1274	Bulawayo	20 9	28 36	1349	889·0	1012·0	– 0·3	304·8	308·8	14th	288·6	280·1	3rd	296·7	*296·4*	+ 1·3	0	–21
1275	Durban	29 52	31 3	15·2	1014·7	1018·5	– 2·1	296·8	299·9	20th	290·3	285·6	2nd	293·4	*292·8*	+ 0·2	91	–40
1276	Lourenço Marques	25 58	32 36	59·0	..	1015·5	– 1·5	299·7	305·4	17th	291·4	288·2	3rd	295·5	294·9	– 0·2	22	–37
1277	Mauritius	20 6	57 33	55·2	1011·4	1017·8	– 0·4	299·3	301·9	28th	290·1	286·6	2nd	294·7	294·5	– 0·7	15	–20

*For formulas employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. § Number of observations. ♯Change of normals, see page 113.

RÉSEAU MONDIAL

OCTOBER – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1008·9	1009·3	- 3·4	304·8	310·8	18th	289·0	286·0	4th	296·8	..	- 0·1	0	- 1
1160	∮Cue	27 27	117 52	454	961·5	1012·6	- 1·1	300·5	307·4	19th	284·1	278·6	9th	292·3	..	- 1·1	0	- 6
1161	∮Nullagine	21 53	120 5	386	..	..	..	308·6	314·3	19th	288·7	280·8	4th	298·7	..	0·0	0	- 4
1162	∮Laverton	28 40	122 23	466	958·5	1010·8	- 3·5	302·2	311·4	29th	285·6	279·2	10th	293·9	*293·8*	+ 0·6	0	- 1
1163	∮Alice Springs	23 38	133 37	587	945·0	1009·2	- 2·4	305·3	312·4	31st	290·7	281·3	4th	298·0	*298·0*	+ 1·9	14	- 3
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	992·2	1008·5	- 3·1	308·7	316·5	22nd	292·5	280·3	4th	300·6	*300·6*	+ 1·8	4	- 5
1165	∮Thargomindah	27 58	143 43	123	996·2	1010·3	- 3·5	303·5	311·0	6th	288·5	282·6	4th	296·0	*295·7*	+ 0·3	3	- 5
1166	∮Mitchell	26 32	147 52	336	972·3	1009·6	- 4·6	305·4	314·1	22nd	286·1	275·8	4th	295·8	..	+ 2·2		
1167	∮Rockhampton	23 24	150 30	11·3	1010·6	1012·0	- 3·5	305·5	311·0	23rd	291·8	285·2	5th	298·7	..	+ 1·9	32	- 15
1168	∮Brisbane	27 28	153 2	41·8	1007·6	1012·1	- 3·9	300·6	306·9	23rd	290·2	284·2	4th	295·4	*294·7*	+ 1·3	33	- 35
1170	Norfolk Island	29 4	167 59	14·9	1013·1	1015·1	- 2·8	294·7	298·1	22nd	288·8	285·2	7th	291·7	*291·3*	+ 0·6	92	+ 35
		S.	E.															

OCTOBER – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	S. 33 37	W. 78 50	345	980·2	1021·6	..	285·8	289·0	22nd	280·1	278·5	15th,18th	282·9	*283·0*	..	110	- 16
1221a	Punta Tumbes	36 37	73 6	120	1003·0	1017·6	- 0·2	288·4	295·3	22nd	281·7	279·7	19th	285·1	*284·4*	+ 0·4	3	- 8
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1012·7	1017·7	+ 0·3	290·4	297·4	22nd	282·7	280·0	17th	286·5	*286·4*	- 0·3	5	- 15
1222a	∮Santiago	32 27	70 42	520	965·5	1016·0	- 0·4	295·4	304·8	22nd,23rd	280·1	274·8	17th	287·7	*287·0*	+ 0·5	1	+ 65
1223	Cordoba	31 25	64 12	423	965·8	1014·8	+ 1·0	296·4	303·2	27th	283·7	277·4	5th	290·1	289·8	- 0·6	142	+ 41
1224	Bahia Blanca	38 45	62 15	25	1012·8	1015·8	0·0	298·3	306·5	28th	284·3	276·0	5th,7th	291·3	*290·8*	+ 2·9	17	- 26
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·2	1017·2	+ 0·8	294·6	302·4	28th	284·9	279·6	5th,6th	289·7	289·7	+ 1·2	59	- 36
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1017·7	+ 1·9	..	305·0	28th	..	280·2	9th	..	*288·9*	+ 0·3	37	+ 55
1226a	Porto Alegre	30 2	51 13	23·5	1013·2	1016·0	- 0·3	297·1	302·2	29th	287·7	281·9	9th	292·4	292·0	+ 0·8	110	+ 46
1226b	30°-35°S. 55°-50°W.	††31 45	††50 8	§(29)	..	1016·8	..	..	..	Sea Temp. 288·7	-0·5	..	..	..	289·5	..	..	..
1239	Cape Town	33 56	W. E. 18 29	12·2	1017·1	1018·6	+ 1·6	294·2	304·1	31st	284·6	280·6	1st	289·4	*288·4*	+ 0·2	22	- 36
1240	Danger Point	34 37	19 18	27·7	1013·4	1016·7	+ 0·1	291·8	295·2	21st,31st	285·7	283·0	1st	288·7	..	+ 0·3	5	- 44
1241	Riversdale	34 6	21 16	61·0	..	..	..	296·6	305·5	31st	283·3	278·6	16th	289·9	..	0·0	13	+ 56
1242	East London	33 2	27 55	44·8	1011·3	1016·6	- 0·5	294·2	297·6	30th	286·7	279·7	2nd	290·4	..	- 0·2	122	+ 46
1259	∮Perth (Observatory)	31 57	115 51	60·0	1008·0	1015·3	- 1·6	292·3	296·8	27th	282·9	278·3	9th	287·6	*287·4*	- 1·5	45	- 33
1260	∮Katanning	33 42	117 35	310	976·7	1013·2	- 2·5	291·6	298·1	28th	279·9	274·5	7th	285·8	..	- 1·1	27	- 33
1261	∮Coolgardie	30 57	121 10	423	963·2	1011·5	- 3·3	297·8	306·3	28th	281·8	274·8	7th	289·8	*289·7*	- 0·9	22	+ 4
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	∮Streaky Bay	32 48	134 13	13·1	1008·9	1011·5	- 4·2	294·6	303·6	30th	284·4	279·1	10th	289·5	*288·9*	- 0·6	44	+ 13
1264	∮Adelaide	34 56	138 35	42·7	1005·3	1010·4	- 5·4	293·8	305·5	30th	283·6	279·2	16th	288·6	*288·3*	- 1·1	62	+ 21
1265	∮Melbourne	37 49	144 58	35·1	1003·8	1007·9	- 6·9	291·6	298·1	30th	281·7	276·1	13th,14th	286·7	*286·5*	- 0·6	55	+ 4
1266	∮Bourke	30 13	145 58	110	1000·0	1012·7	- 3·7	302·0	309·7	7th,22nd	286·5	281·3	4,12,30	294·2	..	- 0·3	20	- 31
1267	∮Sydney	33 51	151 13	42·1	1003·5	1008·4	- 6·3	296·7	309·7	7th	286·8	282·9	12th	291·7	*290·9*	+ 1·2	42	+ 27
1268	Lord Howe Island	31 20	159 0	4·9	1012·1	1012·7	- 3·7	294·6	297·0	27th	288·7	283·5	18th	291·6	..	+ 0·4	849	+ 39
1271	Auckland	36 50	174 50	13·4	..	1010·3	- 5·0	290·8	294·8	9th	283·9	278·7	16th	287·3	..	+ 0·3	133	+ 19
1272	Napier	39 29	176 55	1·5	..	..	..	291·6	298·8	9th	282·8	276·3	17th	287·2	..	- 0·2	77	+ 19
		S.	E.															

OCTOBER – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 57	W. 176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	1004·3	1021·4	+ 3·2	283·7	288·8	28th	279·0	276·9	26th	281·3	*281·9*	0·0	48	- 9
1322	Punta Galera	40 1	73 44	40	1015·0	1019·9	+ 1·1	286·8	289·0	26th,29th	282·9	281·4	18th	284·9	*284·4*	+ 1·6	43	+ 1
1323	Sarmiento	45 34	69 0	272	982·9	1015·2	+ 2·0	292·6	300·1	25th	279·9	273·5	3rd	286·2	285·7	+ 1·2	26	+ 24
1324	Puerto Madryn	42 49	W. 64 58	14	1013·3	1015·4	+ 0·7	293·9	303·7	28th	279·8	273·6	4th	286·6	286·9	+ 0·9		+ 28
1365	∮Launceston	41 27	E.147 10	10·1	1000·4	1001·5	-10·0	288·6	293·5	29th	279·6	274·1	24th	284·1	283·3	- 1·2	103	+ 40
1366	∮Hobart	42 53	147 20	53·9	994·2	1000·8	- 9·3	287·7	294·0	22nd	279·5	274·9	14th	283·6	*282·6*	- 1·7	107	+ 40
1370	Invercargill	46 25	168 21	3·7	..	..	..	288·3	294·1	1st	279·7	275·2	14th	284·0	..	+ 0·4	169	+ 80
1371	Dunedin	45 52	170 31	6·1	..	1003·7	- 6·2	288·0	296·9	1st	279·4	274·1	14th	283·7	..	+ 0·1	147	+ 58
1371a	Christchurch	43 31	172 39	7·6	..	1002·5	- 7·4	290·2	296·6	2nd	280·7	274·2	20th	285·4	..	+ 0·6	66	+ 20
1372	Wellington	41 16	174 46	128	..	1005·6	- 6·8	287·9	292·9	23rd	282·3	276·3	15th	285·1	284·3	- 0·3	135	+ 58
		S.	E.															

OCTOBER – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	S. 52 24	W. 75 6	55	1004·4	1011·2	+ 5·1	280·6	282·6	28th	277·3	275·0	16th	278·9	*279·4*	+ 0·8	151	+ 78
1422	Magallanes (Punta Arenas)	53 10	70 54	28	1005·5	1008·9	+ 3·7	284·7	289·0	27th	277·9	274·5	17th,18th	281·3	*281·2*	+ 1·6	6	- 22
1423	Punta Dungeness	52 24	68 26	5	1007·4	1008·0	+ 2·9	283·3	287·5	21st	277·4	275·1	3rd	280·3	*280·2*	+ 0·7	0	- 22
1424	Santa Cruz	50 1	68 31	12	1010·3	1011·8	+ 3·0	289·7	298·4	9th	277·3	271·5	17th	283·5	283·2	+ 0·9	11	+ 4
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1007·0	+ 0·1	282·8	286·9	24th	274·6	271·3	13th	278·7	..	+ 0·5	45	- 20
1426	Cape Pembroke	51 41	57 42	21·3	1004·9	1007·5	+ 2·1	281·4	286·9	23rd	275·4	272·4	21st	278·4	278·6	+ 0·4	..	- 20
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	1000·5	1001·0	+ 0·5	276·7	284·5	11th	270·7	265·8	26th	273·7	*273·6*	- 0·9	18	- 20
		S.	W.															

OCTOBER – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	7	994·8	995·6	+ 2·3	270·9	277·1	11th	264·1	252·9	17th	267·5	267·9	- 1·1	20	- 4
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, NOVEMBER 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF NOVEMBER, 1928

BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

NOVEMBER – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
102	Barrow	71 23	156 17	4·6	..	1006·1	- 9·8	263·3	272·4	5th,8th	255·6	236·9	23rd	259·4	..	+ 3·9	17	+ 7
120	Upernivik	72 47	56 7	19·2	1001·6	1004·0	- 4·6	269·5	277·4	5th	286·0	261·0	16th	267·7	*267·9*	+ 5·0	22	- 5
140	Myggbukta	73 30	21 30	3·2	..	1011·4	..	..	274·0	5th	..	241·0	12th	..	*259·0*	..	..	..
155	Scoresbysund	70 29	21 58	16·9	1007·0	1009·2	..	266·9	279·8	5th	259·1	252·5	30th	263·0	*262·6*	..	..	..
156	Jan Mayen	70 59	W. 8 18	23·1	1000·0	1002·9	- 1·3	..	277·3	23rd	270·4	266·4	1st	..	*271·9*	+ 0·6	32	- 9
176	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1005·0	1006·4	- 0·9	..	275·9	22nd	257·2	244·7	17th	..	261·0	- 0·3	14	- 10
177	Björnöen	74 28	19 17	40·5	997·3	1002·5	- 2·6	..	276·8	21st	265·7	257·3	15th	..	*267·8*	- 1·5	15	- 14
182	Ingvy	71 4	24 6	4·3	‡ 999·9	1000·9	- 2·8	..	277·4	3rd	270·8	266·5	20th	..	*272·6*	- 1·2	33	- 23
183	Sletnes	71 5	28 14	10·2	1001·7	1003·0	- 0·9	..	275·9	3rd	267·7	262·3	21st	..	*270·7*	..	40	..
247	Vardö	70 22	31 8	11·8	1002·8	1004·3	- 1·2	..	275·6	23rd	268·1	252·8	8th	..	*270·4*	- 0·5	23	- 39
249	Malye Karmakouly	72 23	52 43	15·3	1004·9	1006·8	+ 2·4	268·0	273·6	4th	262·3	248·7	19th	265·2	*265·6*	+ 2·8	..	..
	Malgatz	70 24	58 47	11·2	1008·4	1009·9	+ 3·2	267·8	273·3	4th	261·5	249·6	21st	264·6	*264·9*	+ 0·8	..	..
253	Dickson	73 31	80 23	13·0	1007·0	1008·7	+ 0·7	..	..	..	257·1	248·6	22nd	..	*261·2*	+ 6·5	9	- 1
340	Bouloune	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

NOVEMBER – ZONE 2.

201	Prebrajenye	N. 64 52	W. 175 42	?	..	..	..	268·4	283·0	1st	259·3	240·8	25th	263·9	*263·9*	+ 0·1	5	- 18
204	Mome	64 30	165 24	6·7	998·1	999·0	- 7·0	268·5	283·0	1st	261·3	245·8	25th	264·9	..	..	..	..
205	Bethel	60 45	161 47	11·6	..	995·9	..	268·5	283·0	1st	261·3	245·8	25th	264·9	..	..	15	..
206	Tanana	65 10	152 6	69·5	993·0	1001·7	- 8·3	264·2	276·3	4th	256·9	237·4	26th	260·6	*260·6*	+ 5·7	9	- 9
207	Rampart	65 30	150 15	114	..	..	..	263·1	274·7	4th,5th	255·9	238·6	22nd	259·5	..	+ 4·9	11	- 3
208	Valdez	61 7	146 16	122	..	..	..	274·8	284·1	3rd	268·9	259·7	26th	271·8	..	..	283	..
209	Eagle	64 46	141 12	248	972·2	1003·7	- 8·1	269·3	278·6	3rd	261·3	239·1	26th	265·3	*265·3*	+ 8·4	15	+ 2
210	Dawson	64 4	139 29	324	965·0	1006·6	- 6·3	264·7	284·1	3rd	257·4	238·6	26th	261·1	*261·2*	+ 5·2	13	- 16
211	Mayo Landing	63 35	135 51	579	944·3	1018·9	..	270·2	283·0	3rd,24th	259·7	246·3	23rd	264·9	*265·5*	..	7	..
212	∮Fort Good Hope	66 25	128 53	65·2	1001·4	1010·1	- 9·0	261·9	273·6	3rd	251·9	239·1	26th	256·9	..	+ 5·3	32	+ 5
213	Fort Simpson	61 52	121 35	129	991·4	1008·0	- 6·7	269·1	282·4	25th	260·8	245·2	15th	264·9	..	+ 7·6	3	- 16
214	Hay River	60 51	115 20	161	987·3	1007·9	- 6·0	271·3	281·9	3rd	260·2	250·8	18th	265·8	..	+ 5·7	22	+ 2
215	Jacobshavn	69 13	51 2	31·6	996·0	1000·0	- 6·8	269·3	279·2	5th	264·8	257·5	25th	267·1	*267·0*	+ 2·9	2	- 15
216	Godthaab	64 10	51 43	20	..	..	..	272·9	285·8	6th	267·7	261·6	25th	270·3	*270·8*	+ 2·5	7	- 41
217	Ivigtut	61 12	48 10	30·0	993·9	997·6	- 5·4	274·8	284·3	6th	268·9	252·0	6th	271·9	*272·2*	+ 2·3	68	- 44
218	Angmagsalik	65 37	37 33	29·3	999·8	1003·5	0·0	271·7	278·5	5th	266·8	259·3	21st	269·3	*269·3*	+ 1·3	..	..
219	Stykkisholm	65 5	22 46	25	..	999·0	- 5·3	277·2	281·7	28th	272·4	266·7	27th	274·8	*274·8*	+ 1·3	75	+11
220	Westmanno	63 24	20 17	132	..	997·2	- 4·8	278·9	282·4	29th	274·6	267·9	27th	276·7	*276·7*	+ 1·5	144	+ 9
221	Grimsey	66 33	18 1	22·0	..	..	..	276·6	282·0	1st	..	..	..	..	*274·7*	+ 1·7	52	+25
222	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
223	Teigarhorn	64 41	14 22	18·0	..	999·4	- 4·8	278·6	288·4	30th	272·7	268·4	8,9,10	275·7	*275·3*	+ 1·4	98	-12
224	Hjälvig	62 3	6 45	22·9	996·6	999·4	- 6·4	280·6	283·6	11th,29th	276·2	272·1	8th	278·4	*278·6*	+ 0·9	102	-64
225	Lerwick	60 8	W. 1 11	18·0	..	992·1	-14·8	281·3	285·2	13th	278·2	274·7	8th,9th	279·7	*279·9*	+ 0·8	135	+27
226	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	995·4	1000·8	- 8·7	280·3	285·2	20th	276·0	271·0	9th	278·1	*278·1*	+ 1·0	197	+19
227	Aalesund	62 28	6 10	6·3	999·4	1000·2	- 7·6	..	284·2	20th	276·1	272·7	6th	..	*278·4*	+ 0·7	127	- 7
228	Trondhjem	63 26	10 25	59·2	993·8	1001·2	- 7·8	276·0	280·8	23rd	271·5	264·2	6th	273·7	*274·3*	+ 0·7	72	- 6
229	Bodö	67 17	14 24	17·0	‡ 997·8	1000·6	- 5·2	..	280·2	23rd	271·6	263·5	12th	..	*274·0*	+ 0·1	94	-10
230	Haparanda	65 50	24 9	9·2	1003·6	1004·8	- 4·6	270·3	275·0	28th	264·3	254·0	18th	267·3	*267·9*	- 0·3	109	+60
231	Helsingfors	60 10	24 57	11·7	1003·5	1004·3	- 7·8	277·8	282·1	1st	274·1	266·4	8th	275·9	*276·0*	+ 2·9	81	+18
232	Kuopio	62 55	27 40	233	977·8	1006·9	- 4·5	272·5	279·0	1st	268·9	262·7	6th	270·7	*270·7*	+ 0·3	65	+17
234	Kola	68 53	33 1	6·7	1006·3	1007·2	- 0·4	268·6	275·5	28th	261·2	248·6	14th	264·9	*265·4*	- 1·1	16	- 9
235	Petrozavodsk	61 47	34 23	79·0	999·8	1009·8	- 3·9	274·1	280·7	1st	269·3	261·2	22nd	271·7	*271·7*	+ 1·9	44	+ 3
236	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
237	Mezen	65 50	44 16	14·9	1010·7	1012·6	+ 3·4	267·2	274·4	28th	259·9	248·6	19th	263·6	*263·4*	- 2·2	32	+12
238	Oust-Tsylma	65 25	52 18	68	1007·0	1016·0	+ 5·0	264·4	274·9	8th	257·4	242·6	24th	260·9	*261·1*	- 2·7	18	- 8
239	Tcherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
240	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
241	Obdorsk	66 31	66 35	35·2	1015·8	1020·4	+ 7·9	259·1	273·0	12th	252·0	239·3	22nd	255·6	*256·1*	- 0·3	14	+ 1
242	New Port	67 42	72 57	3·3	..	..	..	261·8	273·4	12th,13th	254·5	244·5	27th	258·2	*258·2*	..	7	..
243	Georgout	61 15	73 24	48	1016·4	1022·9	+ 7·5	..	..	..	..	..	..	..	*259·4*	- 0·8	42	+18
244	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
245	Touroukhansk	65 47	87 57	45·0	1016·0	1022·1	+ 5·4	..	..	..	..	..	..	..	*254·0*	+ 1·9	13	- 7
246	Yiliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Iakoutsk	62 1	129 43	108	1009·5	1024·6	+ 3·7	..	..	..	..	..	..	..	*246·7*	+ 1·2	5	- 6
248	Verkholansk	67 33	133 24	100	1002·0	1016·4	- 0·1	..	..	..	..	..	..	..	*237·9*	+ 1·3	5	- 2
249	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Nalakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Novo Mariinskii Post	64 45	177 33	22·7	1008·0	1009·0	- 1·6	..	..	..	..	..	..	..	*251·9*	- 7·4	7	0
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
∮Change of normals, see page 105.

RÉSEAU MONDIAL

NOVEMBER - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	995·2	- 6·2	274·3	278·0	1,4,30	270·8	263·8	28th	272·6	..	- 0·8	76	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	992·3	993·2	- 7·7	278·4	281·9	3rd,4th	271·2	266·3	19th	274·8	*274·4*	- 0·1	146	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	277·2	280·2	8th	271·7	264·7	18th	274·4	..	..	24	..
305	Dillingham	59 0	158 28	24·4	..	..	..	276·5	284·1	2nd	266·9	258·3	25th	271·7	..	+ 1·5	139	+ 1
306	Kodiak (Radio)	57 47	152 22	4·6	992·5	993·1	- 6·2	278·1	281·9	2nd	272·5	267·4	21st	275·3	*275·7*	+ 0·4		
309	Sitka	57 3	135 19	19·8	..	..	..	281·9	289·7	2nd	274·3	264·7	12th	278·1	..	+ 1·4	264	+26
310	Prince Rupert	54 18	130 18	51·8	1004·3	1011·0	+ 2·1	281·9	291·9	2nd	276·9	271·3	14th	279·4	*279·7*	+ 1·5	250	-57
311	Barkerville	53 2	121 35	1274	866·8	1015·7	+ 1·3	275·2	285·2	2nd	267·4	258·6	15th	271·3	*271·2*	+ 1·8	56	-34
312	∮Kamloops	50 41	120 29	385	974·6	1021·9	- 0·8	279·7	286·3	9th,12th	273·3	267·9	15th	276·5	*276·6*	+ 1·8	7	-18
313	Calgary	51 2	114 2	1058	892·3	1017·4	+ 1·1	281·3	290·8	3rd	266·3	258·0	17th	273·8	*273·0*	+ 3·2	6	-11
314	Fort Chipewyan	58 42	111 10	218	980·2	1007·7	- 7·0	271·9	277·4	22nd	264·1	254·1	15th	268·0	*268·2*	+ 4·8	1	-15
315	Prince Albert	53 10	105 38	437	961·7	1016·1	- 1·1	275·8	281·9	5th	255·9	258·6	15th	270·8	*270·1*	+ 4·6	1	-18
316	Qu'Appelle	50 30	103 47	651	939·4	1019·3	+ 0·9	278·9	284·1	3rd	265·8	257·4	1st	271·3	*270·5*	+ 3·7	4	-16
317	Minnedosa	50 15	99 50	515	953·3	1017·4	- 0·2	275·4	284·1	13th	265·4	257·5	28th	270·4	*269·9*	+ 3·1	29	- 4
318	Portage la Prairie	49 58	98 17	246	..	..	..	272·7	277·4	11th	264·3	250·8	28th	268·5	..	+ 2·1	4	-23
318a	Port Nelson	57 0	92 51	14·9	1011·5	1013·4	- 1·0	267·4	274·7	13th	259·7	243·6	29th	263·6	..	+ 2·6		
319	Pagwa	50 3	85 18	189	..	..	..	273·8	284·7	15th	265·8	255·8	28th	269·8	..	+ 2·4	20	-16
320	Moose Factory	51 14	80 30	9·1	1009·1	1010·3	- 4·0	273·0	285·8	14th	265·2	247·4	30th	269·1	..	+ 1·4	13	-18
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	45	-36
324	∮Natashquan	50 8	61 48	6·1	..	..	..	..	..	..	..	..	..	286·9	..	- 0·1	30	-27
								271·9	276·9	17th	263·9	249·1	30th	267·9	..	- 2·3		
328	Belle Isle	51 53	55 23	130	988·9	1005·7	- 2·4	272·1	275·8	5th,20th	267·6	259·7	30th	269·8	*269·9*	- 0·6	..	..
										Sea Temp.								
333a	62°-57°N. 20°-15°W.	††59 58	††17 38	§(48)	..	..	..	..	..	282·3	0·0	..	..	..	280·9	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1007·0	1008·7	- 3·9	284·3	287·2	12th	280·1	274·7	8th	282·2	282·5	+ 0·9	186	+45
335	Aberdeen	57 10	W. 2 6	26·0	998·6	1001·8	- 7·7	281·8	286·6	29th	277·4	270·4	9th	279·8	279·7	+ 1·0	100	-13
336	Greenwich	51 28	0 0	48·3	..	1009·1	- 5·5	284·7	288·6	13th	278·4	270·2	10th	281·6	281·4	+ 1·8	45	
337	Uccle	50 48	E. 4 22	100	997·2	1009·4	- 5·5	283·9	287·5	21st	277·9	268·0	10th	280·9	280·7	+ 2·2	151	+56
338	De Bilt	52 6	5 11	3·0	1007·2	1007·6	- 6·9	283·5	286·8	13th	277·9	267·8	10th	280·7	280·7	+ 2·7	120	+70
338a	Hamburg	53 33	9 58	40·3	1001·1	1006·0	- 9·1	282·4	285·3	24th	278·2	270·5	10th	280·3	*280·2*	+ 3·3	140	+45
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1002·6	1003·2	-10·1	281·3	286·5	13th	277·8	270·9	10th	279·5	*279·8*	+ 3·4	90	+46
340	Potsdam	52 23	13 4	84·9	996·9	1007·3	- 8·2	282·2	288·4	1st	277·7	270·1	11th	279·9	279·8	+ 3·7	47	+ 4
340a	Uppsala	59 51	17 38	24	999·8	1002·8	- 7·6	277·1	281·4	13th	272·4	262·5	9th	274·7	275·0	+ 1·9	56	
341	Warsaw	52 13	21 3	89·9	998·4	1009·4	- 9·4	282·1	293·2	2nd	276·6	270·0	12th	279·3	*279·3*	..	66	+58
342	Tartu (Ülikooli)	58 23	26 43	80·8	996·3	1006·3	- 6·7	278·9	282·8	14th	275·4	270·9	10th	277·1	277·0	+ 4·6		
343	Leningrad	59 56	30 16	8·6	1006·6	1007·7	- 5·2	277·6	281·4	1st,5th	274·2	268·3	13th	275·9	*275·8*	+ 3·8	61	+26
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	994·3	1015·1	- 2·5	277·3	282·2	15th	273·7	262·0	23rd	275·5	*275·5*	+ 5·3	42	..
345	Saratov	51 32	46 2	127	1006·0	1022·1	+ 0·2	275·7	282·4	19th	270·4	258·3	25th	273·0	*273·0*	+ 3·2	57	+ 4
346	Kazan	55 47	49 8	79·9	1010·8	1021·0	+ 1·8	273·6	281·2	11th	268·8	254·5	28th	271·2	*271·1*	+ 2·4	34	- 5
347	Orenburg	51 45	55 6	109	1010·6	1024·5	+ 0·5	275·9	284·2	11th,18th	269·4	251·1	26th	272·6	*272·2*	+ 3·8	28	+ 4
348	Perm	58 1	56 16	163	1000·8	1021·9	+ 3·3	..	..	..	..	..	..	..	*265·9*	+ 0·1	56	+26
349	Sverdlovsk	56 50	60 38	281	986·0	1022·2	+ 4·6	..	..	..	..	..	..	..	*265·3*	+ 0·1	35	+ 8
350	Tobolsk	58 12	68 14	108	1009·4	1023·7	+ 5·3	..	..	..	..	..	..	..	*262·3*	- 1·4	31	-23
351	Akmolinsk	51 12	71 23	347	981·8	1026·1	- 0·8	..	..	..	..	..	..	..	*265·7*	+ 1·4	4	- 5
352	∮Omsk	55 1	73 19	108	1010·0	1024·2	+ 2·5	..	..	..	..	..	..	..	*263·6*	- 0·8	13	+20
353	Barnsaoul	53 20	83 48	162	1005·2	1026·3	- 0·9	..	..	..	..	..	..	..	*265·9*	+ 1·4	61	+31
354	Tomsk	56 30	84 58	123	1008·2	1024·4	+ 0·8	..	..	..	..	..	..	..	*261·5*	- 0·8	59	+26
355	Minousinsk	53 43	91 41	249	992·3	1024·4	- 3·4	..	..	..	..	..	..	..	*265·5*	+ 1·2	38	+26
356	Eniseisk	58 27	92 10	81·2	1014·2	1025·2	+ 3·2	..	..	..	..	..	..	..	*256·9*	- 3·6	45	+ 3
357	Irkutsk	52 16	104 19	467	986·2	1026·7	- 1·3	..	..	..	..	..	..	..	*261·3*	- 1·0	16	+ 3
358	Kirensk	57 47	108 7	278	990·3	1028·0	+ 3·2	..	..	..	..	..	..	..	*253·1*	- 4·7	30	+18
359	Tchita	52 2	113 30	685	934·4	1022·9	- 2·5	..	..	..	..	..	..	..	*256·9*	- 1·9	20	+18
360	Nertchinskii Zavod	51 19	119 37	621	944·4	1025·6	+ 0·9	..	..	..	..	..	..	..	*255·4*	- 2·2	16	+ 7
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1002·0	1020·8	+ 0·7	..	..	..	..	..	..	..	*260·3*	- 1·2	16	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·0	1013·6	+ 1·3	..	..	..	..	..	..	..	..	..	9	- 7
366	Okhotsk	59 21	143 17	6·0	1011·6	1012·4	+ 0·5	..	..	..	..	..	..	..	*260·7*	- 2·4	5	-48
								..	..	..	..	..	..	..	*257·7*	- 0·3		
368	Petropavlovsk (Phare)	52 53	158 43	87·1	994·0	1005·0	- 0·4	..	..	..	..	..	..	..	*268·8*	- 1·6	44	..
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 and 107.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
432	Victoria, B.C.	48 24	123 19	70·1	1009·1	1017·7	+ 2·0	282·9	288·0	4th	279·1	276·3	19th	281·0	*280·8*	+ 1·1	49	-88
432	Portland, Oregon	45 32	122 41	46·6	1014·5	1020·0	+ 1·1	284·1	289·1	4th	278·1	272·4	18th	281·1	*280·9*	+ 0·4	135	-29
433	Macleod	49 44	113 24	953	..	..	..	281·1	289·7	23rd	268·8	259·1	28th	274·9	*274·8*	+ 2·5	10	- 4
434	Helena	46 34	112 4	1253	876·8	1021·0	+ 1·5	280·3	288·6	21st	270·5	262·4	2nd	275·4	*275·1*	+ 2·1	1	-18
434a	Salt Lake City	40 46	111 54	1329	871·1	1021·3	+ 0·9	281·6	290·2	12th	273·9	265·2	18th	277·7	*277·8*	0·0	47	+12
435	Cheyenne	41 8	104 48	1856	813·9	1021·0	+ 1·3	280·0	290·8	10th	268·7	259·1	2nd	274·3	*274·6*	- 0·2	30	+18
435a	North Platte	41 8	100 45	860	919·2	1021·0	+ 1·0	282·0	295·2	10th	269·6	261·3	3rd	275·8	*275·8*	+ 0·5	25	+13
437	Bismarck	46 47	100 38	510	956·9	1019·3	+ 0·5	279·9	290·8	10th	266·7	257·4	25th	273·3	*273·7*	+ 2·5	2	-15
438	Winnipeg	49 53	97 7	232	988·0	1017·2	- 0·2	275·7	285·6	6th	268·4	259·6	28th	272·1	*271·7*	+ 5·0	42	+15
438	Duluth	46 47	92 6	345	974·4	1016·9	- 0·3	277·6	286·9	13th	269·9	260·8	25th	273·8	*273·2*	+ 2·1	8	-31
439	Port Arthur	48 27	89 12	196	991·4	1015·9	- 0·4	277·4	284·7	23rd	269·7	259·1	25th	273·6	*273·1*	+ 3·7	21	-16
440	Chicago	41 47	87 35	205	993·1	1017·9	- 0·3	281·7	293·0	15th	275·6	266·3	25th	278·7	*278·7*	+ 0·4	102	+41
441	Toronto	43 40	79 24	116	1001·5	1015·9	- 1·7	280·3	290·6	15th	274·3	264·7	28th	277·3	*277·0*	+ 1·5	108	+41
442	∮New York (Central Park)	40 47	73 58	47·4	1010·8	1016·6	- 1·2	284·8	295·8	18th	278·2	267·4	26th	281·6	281·4	+ 1·6	62	-17
444	St. John, N.B.	45 17	66 4	36·3	1008·1	1012·6	- 2·1	277·9	286·1	19th	271·2	262·4	30th	274·6	*274·3*	- 1·0	77	-35
444	S.W. Point, Anticosti	49 24	63 33	9·1	1008·0	1009·2	- 2·7	273·0	278·0	4th	269·1	260·8	30th	271·1	*271·3*	- 0·9	33	-36
445	Sable Island (Main Station)	43 57	60 6	7·6	1010·1	1011·0	- 3·9	281·3	287·4	4th	276·9	270·8	30th	279·1	*279·1*	- 0·4	110	-28
455	Port aux Basques	47 35	59 10	9·1	1007·2	1008·3	- 3·9	276·6	283·3	20th	271·6	266·1	30th	274·1	*273·9*	- 0·8	103	- 9
455	St. John's, Newfoundland	47 34	52 42	74·1	997·9	1007·2	- 4·6	..	..	..	..	..	..	273·9	..	- 1·9	183	+30
456	Madrid	40 24	3 41	667	942·4	1021·5	+ 2·6	285·5	289·9	28th	276·8	272·0	11th	281·2	*280·4*	0·0	29	-33
456	Nantes	47 15	W. 1 34	36·5	1009·4	1013·8	- 1·7	285·1	289·7	21st	279·8	274·8	10th	282·5	282·5	+ 1·9	103	+16
457	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1006·5	1012·6	- 3·8	284·8	290·4	21st	278·5	271·1	10th	281·6	281·5	+ 2·7	75	+26
458	Marseille	43 18	5 23	75	..	1013·3	- 2·1	287·9	292·3	12th	279·5	271·4	30th	283·7	*282·8*	- 0·9	93	+21
458a	Zürich	47 23	8 33	493	955·7	1014·7	- 4·0	282·1	289·2	16th	276·7	272·7	30th	279·4	278·9	+ 2·4	121	+53
460	Rome	41 54	12 27	45·5	1006·4	1011·9	- 3·7	289·0	293·5	1st	281·2	275·4	27th	285·1	*285·1*	+ 0·4	139	+27
460a	Vienna	48 15	16 22	203	987·5	1012·1	- 6·1	282·8	291·5	2nd	278·4	272·0	22nd	280·6	280·6	+ 3·6	46	+ 1
461	Budapest	47 31	19 1	130	997·3	1013·2	- 5·8	284·0	295·2	2nd	278·2	273·2	30th	281·1	*280·6*	+ 3·0	68	+17
462	Sofia	42 42	23 20	550	949·2	1014·3	- 6·7	284·4	291·3	1st	277·7	270·3	24th	281·1	*280·7*	+ 3·2	65	+17
463	Bucharest	44 25	26 6	82	1004·6	1014·6	- 5·6	285·7	293·0	1st	279·0	269·5	24th	282·3	282·0	+ 4·7	57	+ 9
464	Odessa (Observatory)	46 26	30 46	42·8	1010·3	1015·6	- 5·1	283·0	287·6	18th	278·9	270·5	23rd	280·9	*280·7*	+ 3·3	37	+ 3
464a	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Novorossiisk	44 44	37 49	37·1	1011·8	1016·3	- 3·4	288·9	297·0	13th	281·9	268·9	24th	285·4	*285·2*	+ 3·6	79	+ 9
466	Tiflis	41 43	44 48	404	971·8	1020·0	- 2·6	288·9	295·8	19th	277·6	271·4	27th	283·3	282·0	+ 2·0	48	+15
467	Astrakhan	46 21	48 2	-13·8	1023·8	1022·1	- 1·0	..	..	..	..	..	..	..	*276·3*	+ 3·1	2	- 9
468	Fort Alexandrovsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	*281·7*	+ 3·9	0	- 9
468	Krasnovodsk	40 0	52 59	-4·6	1020·4	1019·8	- 1·9	..	..	..	..	..	..	..	*265·0*	+ 1·6	15	+ 2
469	Kazalinsk	45 46	62 7	66·7	..	..	..	..	..	..	268·8	255·7	29th	..	*274·1*	+ 2·2	2	- 9
470	Tashkent	41 20	69 18	478	966·3	1023·7	- 1·1	287·4	296·7	22nd	276·5	266·9	28th,30th	281·9	*281·3*	+ 1·3	43	+10
471	Maryinskoe	41 26	76 13	2015	798·6	..	- 1·6	..	..	..	266·1	252·9	30th	..	*270·5*	+ 1·6	16	+ 4
472	Alma Ata	43 16	76 53	841	926·0	1027·0	- 0·7	279·7	290·0	25th	270·7	248·6	30th	275·2	*274·6*	..	48	+ 3
473	Moukden	41 48	123 23	43·8	1017·9	1023·5	- 0·4	277·5	290·9	1st,5th	268·3	258·5	17th	272·9	272·8	+ 1·0	29	+ 5
474	Joshin	40 40	129 11	31·9	1016·7	1020·7	+ 0·7	281·6	289·1	5th	273·1	266·3	27th	277·3	276·9	+ 0·2	77	+29
474	Yukt	42 20	130 24	63·8	1013·0	1021·1	+ 0·5	277·5	286·0	6th	269·8	263·3	27th	273·7	273·4	- 0·5	51	+27
475	Vladivostok	43 7	131 54	128	1004·4	1020·8	+ 0·1	..	..	..	..	..	..	..	*271·1*	- 1·1	64	+35
476	Ochtai	47 20	142 47	27·4	1010·0	1013·5	+ 0·7	274·9	∮30·9	24th	266·8	257·3	28th	270·9	270·9	0·0	105	+26
476a	Nemuro	43 20	145 35	26·7	1011·1	1014·4	- 0·3	282·3	289·7	7th	274·9	267·8	28th	278·6	278·8	+ 1·5	103	+20
476a	Syana	45 14	147 53	39·3	1007·6	1012·5	- 0·1	279·9	287·6	3rd	273·9	267·3	28th	276·9	277·0	+ 1·0	158	+27
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
502	San Francisco	37 48	122 26	47·2	1014·4	1020·3	+ 1·0	290·0	294·1	1st	283·1	280·2	30th	286·6	*286·2*	+ 0·5	85	+24
502	Sacrasento	38 35	121 30	21·0	1017·6	1020·0	+ 1·2	289·8	294·1	1st	279·6	275·2	29th	284·7	*285·1*	- 0·3	76	+27
503	San Diego	32 43	117 10	26·5	1014·5	1017·6	+ 1·1	293·3	301·3	20th	284·1	280·2	30th	288·7	*288·5*	+ 0·6	16	- 7
504	Modena	37 48	113 54	1668	835·9	1020·0	+ 0·2	283·2	291·9	11th	268·1	259·7	29th	275·7	*275·4*	+ 0·2	6	- 8
505	Santa Fé	35 41	105 57	2138	788·6	1020·3	+ 0·7	281·6	291·3	11th	270·4	264·1	30th	276·0	*275·9*	- 0·5	15	- 4
506	Denver	39 45	105 0	1613	839·1	1020·6	+ 1·5	283·0	295·2	12th	271·4	260·8	2nd	277·2	*277·4*	+ 0·2	40	+25
507	Abilene	32 23	99 40	530	959·4	1021·7	+ 2·1	289·5	298·0	14th	278·7	269·7	20th	284·1	*283·4*	- 0·8	12	-23
508	Saint Louis	38 38	90 12	173	999·2	1020·3	+ 0·7	284·7	294·1	11th	276·6	268·0	25th	280·6	*280·9*	+ 0·4	48	-25
509	Mobile	30 41	88 2	17·4	1020·3	1022·3	+ 2·5	292·4	298·0	17th	282·4	273·0	26th	287·4	*287·0*	- 0·3	41	-53
510	Nashville	36 10	86 47	166	1002·5	1022·7	+ 1·8	287·1	295·8	17th	278·1	266·9	28th	282·6	*282·9*	+ 0·2	67	-23
511	Charleston	32 47	79 56	14·8	1019·8	1021·7	+ 1·4	291·6	299·7	18th	282·8	273·0	28th	287·2	*287·8*	- 0·1	26	-35
512	Washington	38 54	77 3	34·1	1014·5	1018·8	- 0·9	287·8	298·6	18th	277·7	268·0	28th	282·7	*282·2*	+ 2·2	51	-12
514	Bermuda	32 17	64 48	48·0	1014·8	1020·2	+ 2·5	296·3	300·2	4th	289·1	282·5	27th	292·7	*292·7*	- 0·6	179	+53
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107.

RÉSEAU MONDIAL

NOVEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
530	∮Santa Cruz (Flores)	39 27	31 9	40	1016·9	1021·5	+ 0·7	293·1	296·7	10th	287·7	281·1	20th	290·4	290·4	+ 0·5	78	-58
531	Horta	38 32	28 38	65	1015·2	1023·0	+ 2·7	292·7	294·9	8th	287·9	284·6	20th	290·3	289·9	- 0·1	65	-54
532	Ponta Delgada	37 44	25 40	22	1021·2	1023·9	+ 3·9	291·6	293·5	11th	287·7	284·0	22nd	289·7	289·8	+ 0·1	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	67	-84
533	Madeira (Funchal)	32 38	16 55	25	1021·0	1024·0	+ 5·1	294·1	298·5	22nd	289·1	287·0	29th	291·6	*291·7*	+ 0·7	55	-119
535	Lisbon	38 43	9 9	95	1010·5	1022·0	+ 4·3	288·8	291·1	16th	283·1	279·2	12th	286·0	285·7	- 0·9	26	-54
535a	Melilla	35 17	2 59	40	1015·8	1020·6	..	292·1	295·3	8th	285·9	282·5	13th	289·0	*288·7*	- 1·6	179	-40
536	Gibraltar	36 6	5 21	16·2	..	1020·5	+ 2·4	291·5	295·8	17th	284·7	281·9	13th	288·2	*287·9*	- 0·4	..	+16
536a	Colomb-Béchar	31 38	W. 2 4	769	931·6	1019·2	..	294·7	301·0	27th	276·0	273·0	12th	285·3	*284·6*	- 0·7	0	-17
537	Palma	39 34	E. 2 39	23	1013·4	1016·2	- 1·0	292·5	297·4	24th	281·6	277·0	29th,30th	287·0	*286·4*	- 0·7	65	+ 9
538	Algiers (Bouzaréah)	36 48	3 2	342	977·6	1017·9	+ 1·4	288·4	293·8	6th	283·3	279·8	29th	286·1	286·1	- 0·8	66	-46
538a	Gadames	30 9	9 30	351	..	..	..	298·3	308·5	3rd	?284·6	?279·0	16,18,20	?291·5	..	- 0·8	5	+ 2
539	Tunis	36 48	10 10	75	1008·0	1017·0	..	291·7	297·0	2nd	233·1	276·7	30th	287·4	*287·3*	- 0·8	69	+17
539a	Malta	35 54	14 31	71·2	..	1014·1	- 1·5	292·4	298·6	3rd	287·5	280·2	25th	289·9	*289·3*	- 0·8	51	+94
540	Riposto	37 41	15 14	14·2	..	1013·8	- 3·2	291·1	294·0	16th	284·4	279·2	30th	287·7	*287·7*	+ 0·1	185	-77
541	Athens	37 58	23 43	107	1000·0	1012·7	- 4·5	292·9	299·7	10th	286·4	280·4	23rd	289·6	289·3	+ 2·3	105	+33
542	Alexandria	31 12	29 53	32·0	1012·2	1016·0	- 1·3	299·1	306·0	9th	289·7	285·0	25th	294·4	*293·5*	+ 0·7	28	- 6
543	Ankara (Angora)	39 58	32 48	861	916·8	1016·4	- 3·9	288·2	293·7	1st	276·9	269·5	25th	282·6	*282·1*	..	78	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	996·6	1015·2	- 1·3	295·5	301·3	1,2,3	284·6	279·1	25th	290·0	..	+ 0·7	64	+20
544	Beirut	33 54	35 28	33·7	..	1015·8	- 1·3	296·4	301·7	16th	290·3	285·4	23rd	293·3	*293·1*	+ 1·0	149	+34
545	Hinaidi	33 17	44 29	32·3	1013·3	1017·2	- 0·7	296·4	300·2	8,9,14	283·6	276·3	27th,28th	289·5	*289·9*	- 0·9	61	+36
546	Lenkoran	38 48	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	26	-12
548	Meshed	36 17	59 38	946	880·5	..	..	289·4	294·3	3rd	278·8	273·1	29th	284·1	*283·8*	- 0·4	3	..
549	Seistan	31 0	61 30	610	..	..	..	290·1	297·0	4th	274·0	265·5	29th	282·1	..	+ 0·3	0	- 2
550	Quetta	30 12	67 0	1647	838·9	..	- 1·1	296·5	302·1	7th	279·7	271·5	30th	288·1	..	+ 1·5	30	+28
551	Peshawar	34 2	71 37	339	977·0	1017·4	- 1·6	291·0	296·6	8th	274·9	268·6	29th	282·9	*282·6*	+ 0·5	77	+70
551a	Lahore	31 34	74 20	214	990·9	1016·3	- 0·5	296·4	303·1	1st	282·1	278·1	16th,20th	289·3	*288·2*	- 0·2	39	+37
552	Simla	31 7	77 8	2202	784·0	..	+ 0·3	298·9	305·4	2nd	284·8	280·2	23rd	291·9	*290·6*	+ 0·2	33	+25
552a	Leh	34 10	77 42	3503	669·1	..	+ 0·2	286·9	289·8	18th	279·7	274·8	30th	283·3	*283·0*	- 0·3	3	+ 2
559	Hankow	30 35	114 17	37·0	1020·1	1024·6	- 0·6	290·3	297·1	1st	280·7	274·8	16th	285·5	*284·9*	- 0·1	105	+51
560	Tientsin	39 9	117 9	6·4	1024·1	1024·8	- 0·4	280·5	290·7	5th	272·5	267·2	16th	276·5	*276·6*	- 1·1	27	+39
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1022·4	1023·2	- 0·5	290·7	296·5	2nd	280·3	273·3	22nd	285·5	284·9	+ 0·8	43	- 8
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1015·0	1023·4	+ 0·5	283·8	290·6	6th	274·4	266·5	17th	279·1	278·8	- 0·5	55	+34
562a	Nagasaki	32 44	129 52	133	1005·7	1021·7	+ 0·9	290·3	296·8	7th	282·7	278·4	17th,22nd	286·5	286·1	+ 0·5	241	+156
563	Kyoto	35 1	135 44	42·9	1016·1	1021·3	+ 1·9	290·2	296·7	6th	279·1	274·4	28th	284·7	284·1	+ 1·4	73	-43
564	Tokyo	35 41	139 46	5·8	1019·0	1019·7	+ 1·4	289·5	296·9	9th	280·3	275·1	25th	284·9	284·6	+ 1·3	64	- 9
565	Hukusima	37 45	140 28	68·5	1011·7	1020·1	+ 1·9	287·4	294·2	5th	277·2	271·4	2nd,18th	282·3	281·9	+ 0·9	54	-26
566	Miyako	39 38	141 59	30·4	1014·1	1017·8	+ 0·5	288·1	295·5	7th	275·3	269·8	28th	281·7	281·1	+ 0·9	56	
		N.	E.															

NOVEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

601	Midway Island	28 15	177 22	5·8	1020·1	1020·6	+ 1·7	296·9	300·8	5th	290·6	286·3	27th	293·8	*293·4*	- 0·9	64	+26
605	Honolulu	21 19	157 52	11·6	1016·2	1017·8	+ 1·2	299·1	301·3	3rd	294·2	291·9	22nd	296·7	*296·5*	+ 0·1	60	+21
613	Guaymas	27 55	110 53	8·3	1014·3	1015·3	..	304·9	306·0	10th	295·7	286·0	18th	300·3	*294·8*	- 0·5	0	..
615	Leon	21 7	101 41	1809	822·9	1015·0	+ 0·2	296·5	299·9	10th	281·8	276·2	24th	289·1	*287·8*	- 1·2	23	+26
616	Monterry	25 40	100 18	528	958·4	1019·4	+ 2·1	293·2	300·8	7th	285·8	278·9	20th	289·5	*289·4*	- 1·2	52	+46
617	Tulancingo	20 5	98 22	2181	791·7	..	+ 0·5	292·5	301·0	18th	280·3	275·0	27th	286·4	*285·7*	0·0	36	+28
618	Galveston	29 18	94 50	16·5	1020·1	1022·0	+ 2·6	292·9	299·7	1st	286·9	279·7	3rd	289·9	*289·9*	- 0·4	98	+46
618a	New Orleans	29 57	90 4	16·2	1020·3	1022·3	+ 3·0	293·7	301·3	17th	284·9	275·8	26th	289·3	*288·8*	- 0·3	130	+66
619	Mérida, Yuc.	20 58	89 38	22	1014·7	1017·3	+ 1·0	301·2	305·2	7th	293·5	289·8	sev.dates	297·3	*296·5*	+ 0·1	93	..
620	Havana	23 7	82 25	77·0	1007·9	1016·8	+ 0·5	299·8	305·2	7th	293·7	290·2	28th	296·7	296·3	..	52	..
620a	Key West	24 33	81 48	6·7	1017·7	1018·3	+ 1·5	298·4	303·0	6th	293·6	287·4	21st	296·0	*295·5*	- 0·4	59	..
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·0	+ 1·3	300·2	304·7	4,5,7	294·8	291·9	23,25,27	297·4	*297·3*	0·0	30	..
622	Watling Island	24 6	74 26	33·5	1014·0	1017·9	+ 1·1	..	302·4	1,8,10	..	293·0	14th	..	*298·5*	- 0·3	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	304·4	314·8	11th	290·3	288·0	12th	297·3	*294·4*	..	3	..
634m	Izaña	28 19	16 30	2367	770·7	..	+ 2·8	283·8	288·9	25th	276·7	272·7	3rd	280·3	*280·0*	+ 1·2	11	..
634	La Laguna	28 28	16 20	547	957·0	1020·5	+ 3·0	292·7	297·8	13th	285·0	279·4	27th	288·8	*288·2*	+ 0·4	21	..
636	Adrar	27 38	W. 0 4	285	..	..	..	297·0	301·8	8th	282·2	278·1	24th	289·6	*290·4*	..	0	..
638	Laperrine	22 36	E. 5 26	1350	865·6	1011·6	..	298·6	302·6	10th	283·3	275·8	25th	291·0	*291·7*	..	0	..
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	280·1	279·0	7th	..	..	..	0	..
642	Siwa	29 12	25 29	-23	1019·4	1016·8	- 0·8	?301·7	?309·5	11th	283·4	276·5	30th	?292·6	..	..	1	..
643	Cairo (Helwan)	29 52	31 20	116	1002·6	1016·2	- 0·6	298·7	305·0	14th	287·5	283·2	28th	293·1	*292·7*	+ 0·2	..	..
643a	Aswan	24 2	32 53	100	1003·1	1014·7	+ 0·4	302·8	309·5	15th	288·4	282·2	28th	295·6	*294·9*	- 0·4	0	..
644	Tor	28 14	33 37	1·9	1014·3	1014·4	- 0·4	298·9	302·1	14th	287·2	280·5	29th	293·0	*293·0*	0·0	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108, 109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ∮Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

NOVEMBER - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	29 0	50 50	4·3	1016·2	1016·8	..	296·5	306·3	1st	290·1	283·1	30th	293·3	*293·0*	- 0·9	67	+32
648	Jask	25 45	57 45	4·0	1014·2	1014·6	..	302·2	304·9	3rd	293·8	289·4	30th	298·0	*297·7*	+ 0·5	0	- 7
649	Karachi	24 53	66 57	4·0	1015·2	1015·7	- 0·3	300·8	303·1	15th	292·7	288·6	20th	296·8	*296·5*	- 0·4	17	+16
650	Jacobabad	28 17	68 29	56·7	1009·7	1016·3	+ 0·1	304·2	311·5	3rd	285·8	278·2	24th	295·0	*294·3*	+ 1·1	1	- 1
651	Jaipur	26 56	75 52	436	967·3	1017·4	+ 0·4	302·1	306·1	2nd	287·4	282·2	22nd	294·7	*293·8*	+ 0·3	14	+10
652	Nagpur	21 8	79 5	310	981·5	1017·1	+ 1·3	303·9	306·9	1st	288·3	283·0	28th	296·1	*295·8*	+ 0·4	0	-18
652a	Allahabad	25 25	81 51	94·2	1005·0	1016·1	0·0	303·8	307·1	1st	287·1	282·1	26th	295·4	*294·5*	+ 1·6	0	- 8
654	Darjeeling	27 3	88 15	2265	778·7	..	0·0	284·9	287·0	20th	278·9	275·9	21st	281·9	*281·6*	- 0·5	20	0
655	Calcutta	22 32	88 20	6·4	1015·1	1015·9	+ 0·9	302·3	305·1	1st	292·2	288·1	23rd	297·2	*296·9*	+ 1·4	0	-17
655	Gauhati																	
655a	Cherrapunji	26 8	91 41	59·7	1010·8	1017·8	+ 1·2	299·1	302·3	1st	288·6	283·9	29th	293·8	*293·1*	- 1·0	18	+ 7
656	Akyab	25 15	91 42	1313	872·3	..	+ 1·0	291·9	294·0	29th	284·2	260·5	29th	288·1	*287·4*	- 1·0	16	-66
656a	Mandalay	20 11	92 56	6·1	1014·2	1014·9	+ 1·3	301·9	303·7	8th	292·6	289·3	30th	297·3	*296·9*	- 1·1	12	-127
657	Tengyueh	21 59	98 0	76·2	1007·2	1016·1	+ 1·3	303·6	306·1	12th	291·6	287·0	30th	297·6	*297·0*	- 0·7	11	-31
658	Phu Lien	25 2	98 33	1626	838·8	1016·2	..	298·3	303·6	8th	290·6	285·0	18th	294·4	*293·7*	- 1·5	20	-27
659	Moncay	20 48	108 38	116	..	1017·7	+ 0·5	299·2	305·9	7th,8th	289·1	283·7	26th	294·2	*293·4*	+ 0·3	118	+53
660	Hongkong	21 31	107 51	9·0	..	1017·6	+ 0·3	299·2	305·9	7th,8th	289·1	283·7	26th	294·2	*293·4*	+ 0·3	23	-59
660	Amoy	22 18	114 10	33·2	..	1017·4	- 0·2	296·3	300·9	8th	291·7	287·2	16th	294·0	293·7	- 0·1	21	-23
661		24 26	118 4	4·9	..	..	..	296·7	301·9	8th	291·0	286·3	17th	293·9	293·1	- 0·2	94	+62
662	Taihoku, Formosa	25 2	121 31	9·3	1017·7	1018·8	0·0	297·4	304·9	7th	290·5	285·0	16th	293·9	293·3	+ 0·6	87	+21
662a	Basco	20 28	121 59	18·7	..	1013·0	- 0·3	299·8	302·6	15th	296·3	294·4	28th	298·1	297·9	+ 0·3	353	+10
663	Naha	26 12	127 39	29·5	1014·7	1018·2	+ 0·6	296·3	300·0	8th	291·2	288·0	17th	293·7	293·6	- 0·1	214	+77
663	Titisima (Bonin Islands)	27 5	142 11	4·1	1017·5	1018·0	+ 1·8	299·8	302·0	19th	294·3	291·1	5th	297·1	296·5	+ 0·8	111	-32
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

NOVEMBER - ZONE 7.

716	Colima	N. 19 12	W. 103 45	498	957·9	1013·7	+ 1·1	304·4	306·7	11th	291·2	286·8	29th	297·8	*296·6*	- 0·3	8	0
717	Morelia	19 42	101 7	1923	811·1	1013·6	0·0	293·8	298·0	18th	282·8	278·2	24th	288·3	*287·6*	0·0	18	- 8
718	Mexico, Tacubaya	19 24	99 12	2309	776·3	..	+ 0·3	293·5	297·9	18th	279·7	274·1	24th	286·6	286·6	- 0·7	31	+16
719	Salina Cruz	16 12	95 12	56	1005·8	1012·2	- 0·9	302·2	305·3	19th	295·1	292·0	28th	298·7	*298·9*	0·0	16	- 3
720	San Salvador	13 42	89 13	682	936·8	1012·2	- 0·6	304·2	308·0	11th	291·3	290·0	sev.dates	297·7	*295·9*	+ 0·4	72	+34
721	Belize	17 31	88 11	5·2	1015·2	1015·8	+ 0·7	..	..	..	293·9	287·4	25th	..	‡*295·8*	0·0	137	-70
722	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·0	+ 0·7	303·7	306·1	5th	296·1	293·8	21st	299·9	*299·5*	+ 0·8	37	-60
723	Port au Prince	18 33	72 20	37·4	1008·9	1013·2	+ 0·1	303·9	305·8	17th	295·2	294·0	22nd	299·6	*299·4*	+ 0·8	74	-13
724	Caracas	10 30	66 56	1042	897·3	1011·3	- 0·5	297·1	299·4	4th	288·9	286·9	30th	293·0	*292·5*	- 0·1	143	+58
724a	San Juan, Porto Rico	18 29	66 7	25·0	1010·1	1012·8	- 0·7	301·8	304·1	20th	296·3	295·2	27th	299·1	*298·8*	+ 0·4	209	+34
725	Grenada (Richmond Hill)	12 5	61 46	188	989·8	1011·4	+ 0·2	302·8	305·2	13th	296·1	293·6	8th	299·4	*298·8*	0·0	248	+33
726	Barbados	13 8	59 36	55·2	..	1011·7	- 0·2	302·3	304·0	2nd	295·8	294·1	9th	299·1	*298·9*	0·0	407	+239
727	São Vicente, C. Verde Is.	16 54	25 4	11	1013·0	1014·2	+ 0·5	300·3	303·0	8,10,12	295·9	294·0	29th,30th	298·1	*297·7*	+ 0·1	0	- 7
728	∮San Tiago, C. Verde Is.	14 54	23 31	34	?1008·0	?1011·9	- 2·3	300·7	302·6	29th	295·7	294·6	12th,28th	298·2	*298·3*	- 0·6	0	-12
729	Dakar	14 40	17 26	32	..	1012·4	..	300·9	306·8	21st	294·8	293·1	16th	297·9	*297·1*	- 1·2	0	- 1
730	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·9	305·8	3rd	295·3	293·0	27th	299·1	*295·5*	- 0·1	0	..
731	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	0	..
732	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
733	Sokoto	13 2	E. 5 14	353	..	..	..	310·4	313·0	sev.dates	290·8	289·1	7th,27th	300·6	*300·1*	+ 0·2	0	0
734	Kaduna Capital	10 32	7 25	?637	..	..	..	305·5	308·6	28th	..	..	..	..	‡*298·7*	+ 0·4	0	- 5
735	Hadejia	12 40	10 5	?	..	..	..	308·3	311·3	14th	..	..	..	..	‡*300·1*	- 0·5	0	0
736	Maiduguri	11 47	13 11	361	..	..	..	310·6	314·7	17th	289·6	288·0	18th,19th	300·1	*299·6*	+ 0·3	0	0
737	El Fasher	13 32	25 18	730	928·4	1010·2	..	307·6	310·5	11,14,16	285·1	283·0	8th	296·4	*295·2*	- 0·7	0	0
738	∮El Obeid	13 11	30 14	563	947·5	1010·2	+ 1·2	307·4	310·5	14th	289·2	286·0	25th	298·3	*297·6*	- 0·2	0	0
739	Khartoum	15 37	32 33	390	966·4	1010·2	+ 0·3	307·6	311·6	9th	292·8	289·0	21st	300·2	*300·6*	- 0·1	0	0
740	Port Sudan	19 37	37 13	5·5	1011·5	1012·2	- 0·4	303·8	306·5	17th	296·7	294·6	8th,18th	300·2	*300·0*	- 0·1	41	- 5
741	Berbera, Somaliland	10 22	45 2	13·8	1011·2	1012·7	- 1·3	303·3	306·3	1st	297·2	293·6	29th,30th	300·2	*300·3*	+ 0·5	18	+14
742	Aden	12 45	45 3	28·7	1011·4	1014·6	- 0·4	303·1	305·1	12th	297·8	295·3	30th	300·4	*299·8*	+ 0·9	4	+ 2
743	Bombay	18 54	72 49	11·3	1012·9	1014·2	+ 0·6	305·7	308·1	6th	296·2	294·6	29th	300·9	299·8	+ 0·9	2	- 8
744	Kodaikanal	10 14	77 28	2343	772·7	..	+ 1·3	288·9	292·4	1st	283·6	281·6	3rd	286·3	*285·8*	+ 0·5	306	+98
745	Bangalore	12 59	77 38	921	913·1	1014·2	+ 1·3	300·5	302·6	2nd	290·4	288·1	16th	295·4	*294·6*	+ 0·9	26	-49
746	Madras	13 4	80 14	6·7	1012·7	1013·5	+ 0·7	303·0	304·8	1st	296·3	293·3	8th	299·7	*299·2*	+ 0·7	169	-193
747	Vizagapatam	17 42	83 19	11·6	1014·1	1015·4	+ 1·4	302·3	304·1	3rd	295·4	291·3	27th	298·9	298·5	+ 0·4	0	-95
748	Port Blair	11 40	92 40	18·0	1010·9	1012·9	+ 1·1	303·2	304·0	16th	298·6	297·2	14th	301·0	*300·6*	+ 0·4	99	-142
749	Rangoon	16 46	96 48	5·5	1013·9	1014·5	+ 1·1	305·6	307·1	17th	295·8	291·2	27th	300·7	*299·8*	+ 1·0	69	- 2
750	Cap St. Jacques	10 20	107 5	180	..	1012·2	..	300·6	303·3	19th	295·6	293·2	24th	298·1	*297·7*	- 0·3	0	-96
751	Nhatrang	12 15	109 12	3·6	..	1012·8	..	301·9	304·0	7th,16th	294·7	290·4	25th,26th	298·3	*297·8*	- 0·2	101	+312
752	Bolinao	16 23	119 53	2	..	1008·6	- 0·4	303·4	306·5	6th,12th	295·9	292·6	3rd	299·7	*299·5*	- 0·4	166	+117
753	Vigan	17 34	120 23	12·2	..	1008·8	- 1·0	304·0	306·8	10th	296·3	293·0	30th	300·1	299·4	- 0·4	94	+56
754	Manila	14 35	120 59	14·2	..	1009·2	- 0·6	303·7	305·4	8th,17th	295·5	293·5	3rd	299·6	298·7	- 0·1	117	-20
755	Ormoc	11 0	124 36	5·6	..	1007·9	- 0·1	304·9	306·6	16th,20th	295·4	293·3	15th	300·1	*299·6*	+ 0·6	593	+348
756	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·1	+ 0·2	303·1	304·6	8th	297·7	295·8	30th	300·4	*300·7*	+ 0·7	164	-28
757	Saipan	15 14	145 46	207	987·2	1007·4	..	301·0	302·3	1st	296·4	295·1	10th,29th	298·7	298·5	..	137	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ∮Change of normals, see page 110.

RÉSEAU MONDIAL

NOVEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
805	Fanning Island	3 54	159 23	5·3	1010·5	1011·1	+ 0·9	304·7	309·7	4th	..	..	..	..	‡302·1	- 0·1	155	+76
821	Cristobal	9 23	79 23	11·0	..	1010·1	- 0·5	302·4	305·8	16th	296·7	295·2	12th	299·6	298·8	+ 0·2	437	+89
822	Bogota	4 36	74 5	2645	746·3	..	..	291·7	294·2	25th	283·6	281·3	8th	287·7	286·9	..	216	+121
822a	♯Merida, Venez.	8 36	71 9	1641	‡ 840·8	..	..	294·9	296·8	1st	288·5	286·6	7th	291·7	290·9	- 0·3	207	+85
823	Ciudad Bolivar	8 9	63 33	38	1005·0	1009·3	- 0·1	304·7	306·4	1st	297·2	295·2	10th	301·0	300·5	+ 0·1	100	+13
824	El Peru, Guayanavieja	7 19	61 49	220	983·6	1008·5	..	302·6	305·6	1st	295·3	294·1	7th	298·9	298·4	+ 0·4	148	+65
							- 0·4											
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·0	- 1·0	303·9	304·7	1,4,27	297·8	295·2	10th	300·8	300·4	+ 0·7	38	-118
826	Paramaribo	5 49	55 9	3·7	..	1010·4	- 1·2	306·1	308·0	2nd	296·0	294·8	30th	301·1	300·7	+ 0·5	118	- 4
826a	Cayenne	4 56	52 21	6	..	..	..	306·0	307·0	25th	296·4	295·0	10th	301·2	301·0	+ 0·7	111	- 5
										Sea Temp.								
831	10°-5°N. 30°-25°W.	††7 5	††27 6	§(99-114)	..	1012·4	+ 0·9	..	..	299·8 0·0	..	..	..	..	..	..	..	+8
833	Konakri	9 31	13 43	18	..	..	..	..	..	..	..	..	..	..	..	..	146	-38
834	Freetown, Sierra Leone	8 29	13 14	68·3	1005·1	1012·9	+ 2·0	303·5	305·2	7th	296·8	293·0	8th	299·6	298·9	- 0·7	92	-50
835	Assuantsi	5 18	1 15	101	..	..	..	303·4	304·7	4th,20th	293·8	292·4	13th,14th	298·6	..	0·0	40	-30
836	Accra	5 33	W. 0 12	16·0	1008·2	1010·0	- 0·6	303·7	305·8	29th	296·9	295·2	13th	300·3	299·8	+ 0·4	4	-54
837	Lagos	6 27	E. 3 24	3·0	1008·1	1008·4	- 1·7	304·1	305·4	27th	298·2	295·8	27th	301·1	300·6	+ 0·5	14	+36
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	302·9	304·1	..	295·1	293·0	..	299·0	298·5	..	132	- 4
839	Yola	9 12	12 30	259	..	..	..	..	..	..	295·1	291·3	29th	..	‡300·8	+ 0·5	0	-47
841	Wau	7 42	28 3	440	..	..	..	..	..	..	293·4	290·0	23rd,25th	..	298·9	0·0	1	
843	♯Malakal (Kodok)	9 35	31 37	394	965·2	1009·4	+ 0·7	309·2	311·0	28th,30th	292·8	289·5	22nd	301·0	299·8	+ 0·6	0	-23
843	♯Mongalla	5 11	31 47	448	958·9	1009·1	- 0·2	308·6	311·1	28th	293·2	291·8	23rd	300·9	299·4	- 0·1	27	-26
844	Entebbe	0 5	32 29	1171	883·8	1009·8	+ 0·3	299·3	300·8	27th	290·9	289·7	9,11,28	295·1	294·4	+ 0·5	121	+65
845	Sheikh	9 55	45 15	1463	..	..	..	295·8	299·7	18th	285·7	280·8	28th	290·7	..	..	115	
851	Minicoy	8 17	72 49	2·1	1010·8	1011·0	+ 1·0	303·1	304·8	4th	297·8	296·3	18th,30th	300·3	299·9	..	116	-19
851a	Cochin	9 58	76 21	2·7	1012·3	1012·7	+ 0·6	302·8	304·0	23rd	297·4	295·9	16th	300·1	299·7	- 0·2	146	-20
852	♯Colombo Observatory	6 54	79 52	7·3	..	1010·9	+ 1·1	302·8	304·2	9th	296·3	294·7	5th	299·6	299·2	+ 0·3	447	+146
853	♯Nuwara Eliya	6 58	80 46	1886	814·8	1013·0	+ 1·1	292·6	294·8	1st	284·8	281·7	5th,21st	288·7	288·1	+ 0·3	243	+25
854	♯Trincomalee	8 35	81 15	30·2	..	1010·5	+ 1·1	301·3	302·7	1st	297·0	295·9	3,9,15	299·1	298·7	+ 0·1	643	+294
855	Kuta Raja	5 32	95 20	7·1	..	1009·8	- 0·1	..	..	..	..	..	..	..	..	..	129	-51
856	Medan	3 35	98 41	25·0	..	1010·4	+ 0·3	302·9	304·6	7th	295·6	293·6	3rd	299·3	298·7	+ 0·7	129	-211
857	Penang	5 34	100 20	5·0	..	..	..	303·6	307·7	7th	294·1	288·8	27th	298·8	298·2	- 1·1	129	-146
858	Singapore	1 18	103 51	10·9	1009·5	1010·7	+ 1·1	302·8	304·4	19th,30th	296·2	295·4	16th	299·5	299·0	- 0·4	157	+13
859	Sandakan	5 50	118 7	31·7	..	..	..	303·4	304·7	5th,10th	296·8	295·2	16th	300·1	300·5	- 0·1	430	+65
860	Iwahig	9 44	118 38	14·3	..	1008·7	+ 1·2	303·4	305·0	4th	295·8	293·8	3rd	299·5	299·6	+ 0·5	341	
861	Tagbilaran	9 38	123 51	21·3	..	1008·4	+ 0·1	304·9	306·8	28th	296·8	295·2	17th	300·7	299·9	+ 0·5	182	-18
861a	Menado	1 30	124 50	8·5	..	1009·0	+ 0·5	303·2	305·3	24th	295·8	294·3	2nd	299·5	298·9	- 0·3	149	-76
863	Kolonie, Yap	9 48	125 29	6·0	..	1008·9	+ 0·4	302·8	305·0	12th	297·0	295·7	30th	299·9	299·4	+ 0·2	369	-56
864	Palau	9 29	138 8	29·3	..	1009·1	+ 1·5	303·3	306·4	22nd	297·7	295·6	4th	300·5	300·0	0·0	253	..
		7 20	134 29	31·8	1005·7	1009·3	..	303·7	304·8	8th	297·9	296·8	20th,28th	300·8	300·8	..	134	..
867	Ponape	6 58 N.	158 13 E.	38·9	1003·9	1008·3	..	302·8	304·3	5th,11th	296·6	294·0	2nd	299·7	299·4	..	536	..

NOVEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
902	Atafu	8 32	172 31	2	..	1009·8	..	303·9	306·3	20th	298·7	294·9	29th	301·3	300·9	..	342	..
924	Manaos	3 8	60 1	43·8	..	..	..	305·2	308·4	22nd	295·6	293·5	11th	300·4	300·1	..	286	+140
926	♯Taperinha	2 30	54 20	21·5	1007·2	1009·6	- 0·2	306·2	309·0	5th	296·4	294·6	7th	301·3	300·6	+ 0·8	46	- 8
927	Turyassu	1 43	45 26	9·1	1008·7	1009·9	- 0·4	308·0	307·2	sev.dates	295·9	293·7	8th	301·0	300·2	+ 0·1	77	- 3
928	Barra do Corda	5 30	45 16	81·0	998·6	1007·8	- 1·0	307·1	310·4	21st	296·1	294·3	7th	301·6	300·7	+ 1·1	2	- 2
929	♯Quixeramobim	5 16	39 15	207	987·8	1011·0	+ 0·3	306·0	306·8	4th	297·6	296·8	16th	301·8	301·4	0·0	5	
930	Fernando Noronha	3 50	32 25	108	1000·2	1012·0	- 0·1	300·6	301·0	16,22,30	297·1	296·6	26th	298·8	298·6	+ 0·1		
										Sea Temp.								
930a	5°-10°S. 35°-30°W.	††7 29	††33 25	§(45)	..	1013·2	..	..	..	299·6 +0·5	..	..	..	..	299·5	..	..	- 3
934	Ascension Island	7 55	W. 14 24	16·8	1012·4	1014·3	- 0·1	300·4	301·3	6,20,26	294·3	293·0	18th,22nd	297·3	296·9	- 0·3	3	-24
939	Loanda	8 49	E. 13 13	51	..	1010·9	- 0·5	300·8	304·0	18th	296·4	294·9	4th,19th	298·6	298·2	+ 0·6	15	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	299·7	301·3	5,19,25	288·7	287·4	sev.dates	294·2	..	..	72	-26
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	299·1	303·0	25th	286·3	281·3	3rd	292·7	..	..	172	+36
944a	Zanzibar	6 10	39 11	17·1	1013·0	1015·1	+ 0·9	301·6	303·0	16th	297·3	295·8	5th	299·4	298·8	- 0·8	445	+196
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	304·1	27th	298·0	294·7	5th	300·2	299·8	- 0·1	69	+8
947	Seychelles, Port Office	4 37	55 27	4·6	1011·8	1012·3	+ 0·5	301·8	303·1	7th,27th	296·8	295·6	1,4,17	299·3	298·6	- 0·1	280	-16
957	Padang	0 56	100 22	6·7	..	1011·2	+ 0·4	303·0	304·0	27th	296·4	295·7	29th	299·7	299·1	+ 0·1	433	+15
958	Batavia	6 11	106 50	8·0	1009·3	1010·2	+ 0·5	304·1	306·0	30th	296·8	295·6	2nd,30th	300·4	299·7	+ 0·4	150	-41
958a	Pontianak	0 1	109 20	2·6	..	1010·0	0·0	303·9	305·4	26th	297·3	296·5	17th	300·6	299·7	+ 0·5	351	-83
959	Pasuruan	7 38	112 55	5·0	..	1009·9	+ 0·4	305·9	307·3	29th	297·4	295·9	8th	301·7	301·3	+ 0·7	27	-83
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	119	-28
962	Amboina	3 42	128 10	4·2	..	1008·6	- 0·3	303·2	304·6	1st	297·5	295·6	21st	300·3	299·9	+ 0·4	78	-124
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	28	-74
965	Daru	9 4	143 13	7·6	..	..	..	303·1	..	..	..	..	..	..	..	..	143	-74
966	Port Moresby	9 29	147 9	38·4	..	1010·3	+ 0·3	304·2	..	..	..	..	..	..	299·7	- 0·2	11	-98
															300·3	+ 0·4		-65
967	Rabaul	4 9	152 12	12·5	1006·9	1008·4	+ 0·1	306·4	307·9	6th	296·0	295·1	8th,12th	301·2	300·5	+ 0·3	79	-118
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·4	305·2	21,26,30	297·6	296·3	16th,29th	300·5	300·3	- 0·3	327	-177
970	Ocean Island	0 52	169 35	42·6	1005·1	1009·9	- 0·1	306·8	308·6	18th	299·1	298·0	7,8,13	302·9	302·1	+ 1·7	26	-58
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of observations. § Number of observations. ♯Change of normals, see page 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

NOVEMBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·1	- 0·2	302·3	305·0	28th	296·6	294·4	10th	299·5	299·4	0·0	363	+113
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1012·1	- 0·1	302·0	304·7	1st	294·1	289·7	26th	298·0	297·8	- 0·2	184	+43
1101	Lima	12 5	77 3	111	999·3	1012·4	..	295·7	298·4	29th	287·8	284·7	11th	291·7	290·2	..	1	..
1102	Tacna	18 0	70 18	560	..	..	..	300·7	303·0	sev.dates	285·6	283·3	15th	293·1	290·5	- 0·4	0	- 1
1201	Corumba	18 59	57 39	118	994·7	1007·5	- 0·2	306·7	312·0	10th	294·5	286·8	8th	300·6	300·4	+ 0·4	176	+50
1202	Goyaba	15 36	56 6	185	989·1	1007·6	- 0·8	307·2	311·0	17th,18th	295·8	293·8	8th	301·5	300·0	+ 0·7	135	-16
1203	Bello Horizonte	19 55	43 57	895	..	..	..	299·0	303·2	12th,27th	290·1	287·2	30th	294·5	294·0	- 0·3	278	+49
1204	Caetite	14 3	42 37	897	914·8	1012·8	+ 0·7	300·4	304·8	12th	291·0	288·2	30th	295·7	295·3	- 0·4	173	+38
1205	Ondina (Bahia)	13 0	38 31	48·6	1006·6	1011·9	- 0·4	301·3	303·8	7th	295·4	294·5	5,17,30	298·4	298·2	+ 0·1	212	+71
1206	Aracaju	10 55	37 3	6·1	1013·4	1014·2	+ 0·6	302·1	306·2	8th	296·2	293·9	2nd	299·2	298·6	..	19	..
										Sea Temp.								
1301a	15°-20°S. 40°-35°W.	††17 11	††37 52	§(52)	..	1014·6	..	..	..	298·0 0·0	..	..	..	..	298·7	..	..	..
1302a	10°-15°S. 40°-35°W.	††12 40	††36 19	§(41-42)	..	1013·2	..	..	..	298·9 +0·1	..	..	..	..	299·6	..	..	..
1401	St. Helena	15 57	W. 5 40	579	947·4	1014·7	+ 0·4	290·1	292·4	20th	285·8	284·7	25th,29th	287·9	287·6	- 0·4	9	..
1501	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1502	Livingstone	17 51	25 51	972	904·7	1008·0	..	308·2	311·8	2nd,12th	294·3	288·6	10th	301·3	..	..	61	..
1503	Elisabethville	11 39	27 28	1236	877·5	1009·2	+ 1·1	303·2	307·3	..	289·4	287·0	..	296·3	..	+ 0·1	83	-40
1504	Owelo	19 26	30 2	1411	..	..	..	305·0	311·9	4th	288·8	285·2	16th	296·9	..	+ 1·5	178	+18
1601	Salisbury (Dept. Agric.)	17 43	31 5	1489	853·7	1010·8	+ 0·8	301·7	306·4	4th	288·8	284·1	15th	295·2	294·8	+ 0·6	78	-13
1602	Zomba	15 23	35 18	955	907·1	1010·2	+ 0·4	304·0	308·0	28th	292·3	287·4	15th	298·2	298·1	+ 1·0	26	-103
1603	Mosuril	14 57	40 40	15	..	1014·0	..	305·8	309·4	9th	295·7	293·1	1st,15th	300·7	300·5	..	7	..
1604	Antananarivo	18 55	47 33	1375	866·8	1014·4	+ 1·7	301·0	305·3	11th	288·2	283·8	20th	293·6	292·5	- 0·2	18	-112
1901	Cocos, Keeling Is.	12 5	96 53	4·6	1014·2	1014·8	+ 0·7	302·8	304·6	11th	298·0	295·8	13th	300·4	300·0	+ 0·5	57	-37
1907	Christmas Island	10 25	105 43	5·5	1009·1	1009·7	+ 0·5	304·8	306·3	29th	297·4	295·2	1st	301·1	300·7	+ 0·8	15	-195
1301	Kupang	10 10	123 34	45·1	..	1010·6	+ 1·0	305·7	308·3	15th	297·1	295·6	29th	301·4	300·9	+ 0·1	121	+31
1302	♯Derby	17 18	123 40	16·2	1007·8	1009·6	+ 0·3	306·9	316·3	19th	299·6	293·6	5th	304·2	..	+ 0·5	5	-20
1303	♯Hall's Creek	18 13	127 46	373	967·8	1008·1	- 0·7	312·9	315·8	19th	297·4	289·4	7th	305·1	304·4	+ 1·5	11	-28
1304	♯Darwin	12 28	130 51	29·6	1006·2	1009·6	+ 0·9	307·4	309·9	13th	299·6	296·3	10th	303·4	302·2	+ 0·5	53	-64
1305	♯Daly Waters	16 16	133 23	211	984·8	1008·0	0·0	313·4	316·3	19th	297·3	292·4	8th	305·3	304·6	+ 1·0	51	- 5
1306	♯Georgetown, Queensland	18 17	143 32	302	977·2	1011·1	+ 0·9	309·1	312·4	24th	295·6	291·3	16th	302·3	..	+ 0·3	22	-21
1307	Willis Island	16 18	149 59	8·5	1009·7	1010·6	..	302·3	303·2	19th	297·4	295·5	12th,30th	299·8	299·8	..	117	..
1401	Samarai	10 37	150 40	6·1	..	1010·3	+ 0·6	..	..	..	297·2	..	..	..	‡301·8	+ 1·2	195	+17
1402	Suva, Fiji	18 8	178 26	6·1	1011·5	1012·1	+ 1·0	300·4	302·4	1st,2nd	294·8	291·3	8th	297·6	297·4	- 0·5	156	-93
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

NOVEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1908	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	302·2	304·7	5,15,16	292·9	288·0	11th	297·6	297·4	+ 0·9	91	-71
1301	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·8	1017·0	+ 0·9	290·6	293·8	30th	285·5	283·1	5th	288·1	287·6	+ 0·3	1	0
1302	Iquique	20 12	70 11	6	1015·1	1015·8	+ 0·3	295·2	300·2	20th	..	..	..	..	292·0	- 0·5	0	0
1303	Catamarca	28 27	65 47	510	949·2	1005·7	- 1·9	305·8	313·9	30th	291·4	282·0	7th	298·6	297·5	- 0·2	41	+ 6
1304	Salta	24 46	65 28	1162	879·7	1006·3	- 0·3	301·9	308·3	30th	288·2	282·1	7th	295·0	294·9	+ 0·7	87	+29
1305	Goya	29 9	59 15	37	1006·8	1011·0	+ 0·3	305·8	311·2	26th,27th	291·7	284·8	7th	298·8	298·6	+ 3·1	174	+70
1306	Asuncion	25 17	57 41	93	1001·4	1012·0	+ 2·2	305·9	310·6	10th	294·5	286·6	7th	300·2	299·5	+ 1·8	125	-18
1307	Curityba	25 25	49 17	908	912·2	1013·0	+ 0·2	297·2	302·1	18th	286·8	279·1	9th	292·0	290·9	0·0	170	+44
1308	Rio de Janeiro	22 54	43 10	18·3	1010·4	1012·6	+ 0·1	299·4	305·2	19th	293·4	290·2	8th	296·4	296·0	+ 0·1	63	-40
										Sea Temp.								
1308a	25°-30°S. 50°-45°W.	††27 45	††48 0	§(39)	..	1015·0	..	..	..	294·6 +0·4	..	..	..	..	295·1	..	..	..
1501	Windhoek	22 34	E. 17 6	1727	829·9	1008·9	..	302·2	305·4	30th	288·2	280·3	27th	295·2	294·9	- 0·1	5	-16
1502	O'Okiep	29 36	17 52	933	911·2	1014·5	+ 0·5	299·5	308·1	30th	284·9	278·6	11th	292·2	292·0	+ 0·5	0	- 5
1503	Kimberley	28 44	24 46	1218	‡ 884·4	‡1013·7	+ 2·1	303·5	311·5	1st	287·6	281·7	12th	295·6	295·4	+ 0·9	21	-16
1504	Johannesburg	26 11	28 4	1806	823·7	1013·1	+ 0·4	297·5	304·2	20th	285·7	280·1	13th	291·6	291·2	+ 1·0	147	+21
1505	Bulawayo	20 9	28 36	1349	868·6	1011·5	+ 0·5	303·5	307·7	22nd	290·2	286·8	16th	296·8	296·4	+ 1·3	86	+ 2
1601	Durban	29 52	31 3	15·2	1013·4	1015·2	- 1·2	298·4	301·8	30th	292·4	289·4	12th	295·4	294·9	+ 0·7	73	-53
1602	Lourenço Marques	25 58	32 36	59·0	..	1014·7	+ 0·1	302·4	315·2	11th	292·6	287·8	13th	297·5	296·9	+ 0·7	47	-29
1603	Mauritius	20 6	57 33	55·2	1012·2	1018·6	+ 2·5	299·9	303·9	14th	292·6	290·1	1st	296·3	295·9	- 1·0	27	-13
		S. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see page 113.

RÉSEAU MONDIAL

NOVEMBER – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	∮Onslow	21 43	114 57	4·3	1007·7	1008·1	- 1·8	311·8	319·1	25th	294·8	289·3	5th	303·3	..	+ 3·6	0	- 1
1160	∮Cue	27 27	117 52	454	962·4	1012·3	+ 1·5	308·4	313·7	10th	291·9	284·8	3rd	300·2	..	+ 1·9	6	0
1161	∮Nullagine	21 53	120 5	386	..	..	..	313·2	315·9	27th,28th	295·6	283·6	5th	304·4	..	+ 1·5	5	- 7
1162	∮Laverton	28 40	122 23	466	960·8	1012·2	+ 0·2	308·8	314·6	28th	290·9	282·7	5th	299·9	*299·7*	+ 2·2	2	-16
1163	∮Alice Springs	23 38	133 37	587	946·4	1010·1	+ 0·9	308·6	313·6	1st	291·9	283·6	5th	300·2	*300·0*	+ 1·0	0	-16
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	993·4	1009·8	+ 1·1	309·8	316·3	1st,2nd	294·3	286·5	5th	302·0	*301·8*	0·0	23	+ 3
1165	∮Thargomindah	27 58	143 43	123	998·2	1012·2	+ 1·5	306·4	314·3	3rd	292·4	287·1	3rd	299·4	*299·0*	+ 0·1	58	+ 6
1166	∮Mitchell	26 32	147 52	336	975·4	1012·8	+ 1·3	304·5	310·9	3rd	289·2	284·0	1st	296·8	..	- 0·3	..	..
1167	∮Rockhampton	23 24	150 30	11·3	1012·8	1014·3	+ 1·1	303·2	308·7	9th	293·2	289·7	16th	298·2	..	- 0·4	43	-24
1168	∮Brisbane	27 26	153 2	41·8	1011·5	1015·9	+ 1·4	301·4	312·4	9th	291·2	288·1	22nd	296·3	*295·4*	+ 0·2	74	-15
1170	Norfolk Island	29 4	167 59	14·9	1017·4	1019·3	+ 2·3	295·8	299·7	25th	289·6	285·5	2nd	292·7	*292·3*	+ 0·3	25	-46
		S.	E.															

NOVEMBER – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 50	345	980·3	1021·3	..	288·6	291·5	17th	282·1	279·7	4th	285·3	*285·5*	..	48	-13
1221a	Punta Tumbes	36 37	73 6	120	1003·0	1017·5	+ 0·9	289·4	291·4	12th	282·8	280·5	5th	286·1	*285·7*	+ 0·2	31	-21
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1012·2	1017·1	+ 1·2	293·1	299·0	26th	283·8	281·2	5th	288·5	*288·1*	- 0·4	2	- 2
1222a	∮Santiago	32 27	70 42	520	955·2	1014·8	+ 0·2	299·3	304·4	27th	282·7	276·8	4th	291·0	*290·3*	+ 0·8	0	- 2
1223	Corioba	31 25	64 12	423	961·9	1009·8	- 1·0	302·0	309·2	28th	287·5	279·2	6th	294·7	294·4	+ 1·2	80	-20
1224	Bahia Blanca	38 45	62 15	25	1007·4	1010·3	- 2·2	301·3	309·6	27th	285·1	279·0	1st	293·2	*292·8*	+ 1·2	31	-13
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·1	1012·2	- 1·4	299·8	306·5	23rd	287·8	279·1	6th	293·8	293·7	+ 1·9	107	+38
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1012·7	+ 0·2	..	305·6	25th,29th	..	283·8	5th	..	*293·5*	+ 1·6	49	+11
1226a	Porto Alegre	30 2	51 13	23·5	1009·8	1012·5	- 0·4	301·2	305·0	10th	289·9	284·6	8th	295·5	295·2	+ 1·3	38	+11
1226b	30°-35°S. 55°-60°W.	††33 2	††51 46	§(37)	..	1015·6	..	..	..	Sea Temp. 291·7	+0·8	..	..	..	..	292·3	..	..
			W.															
1239	Cape Town	33 56	E. 18 29	12·2	1016·9	1018·4	+ 3·0	295·8	302·2	20th	285·9	279·3	4th	290·9	*289·8*	- 0·1	22	-26
1240	Danger Point	34 37	19 18	27·7	1013·6	1016·9	+ 2·1	292·3	297·4	12th	285·6	278·6	14th	289·0	..	- 0·7	86	+35
1241	Riversdale	34 6	21 16	61·0	..	..	..	297·9	306·9	20th	284·3	278·4	15th	291·1	..	- 0·7	119	+58
1242	East London	33 2	27 55	44·8	1010·3	1015·6	+ 0·5	296·3	301·3	7th	288·3	284·4	5th	292·3	..	+ 0·5		
1259	∮Perth (Observatory)	31 57	115 51	60·0	1010·0	1017·0	+ 1·4	297·7	310·2	19th	286·8	282·3	4th	292·2	*291·9*	+ 0·2	10	-32
1260	∮Katanning	33 42	117 35	310	980·7	1016·3	+ 1·5	299·4	308·6	19th	283·5	278·7	18th	291·4	..	+ 0·7	4	-18
1261	∮Coolgardie	30 57	121 10	423	966·5	1014·1	+ 1·2	304·2	311·9	16th	285·9	281·9	2nd,3rd	295·1	*294·9*	+ 0·4	0	-18
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	∮Streaky Bay	32 48	134 13	13·1	1015·3	1016·8	+ 1·5	299·6	309·8	28th	286·1	279·1	9th	292·8	*292·0*	+ 0·2	12	-15
1264	∮Adelaide	34 56	138 35	42·7	1011·5	1016·5	+ 1·4	299·6	310·7	29th	286·1	280·1	2nd	292·8	*292·3*	+ 0·4	30	-15
1265	∮Melbourne	37 49	144 58	35·1	1010·9	1015·1	+ 0·7	295·4	307·4	29th	283·7	279·8	11th	289·6	*289·4*	+ 0·3	9	-30
1266	∮Bourke	30 13	145 58	110	1003·1	1016·0	+ 1·7	307·4	314·7	3rd	290·2	284·1	10th	298·8	..	+ 0·3		
1267	∮Sydney	33 51	151 13	42·1	1009·7	1014·8	+ 0·9	297·1	310·6	30th	287·8	283·2	10th	292·4	*292·0*	0·0	7	-27
1268	Lord Howe Island	31 20	159 0	4·9	1016·7	1017·3	+ 1·0	295·2	297·7	4th	289·9	285·8	29th	292·6	..	- 0·1	105	+ 9
1271	Auckland	36 50	174 50	13·4	..	1014·5	+ 0·3	293·2	296·8	25th	286·9	282·1	15th	290·1	..	+ 1·4	48	-17
1272	Napier	39 29	176 55	1·5	..	..	..	291·9	299·9	10th	283·9	278·8	12th	287·9	..	- 1·0	73	+ 9
		S.	E.															

NOVEMBER – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·4	1016·4	+ 0·2	284·6	287·5	26th	279·6	278·1	13th	282·3	*282·6*	0·0	136	+89
1322	Punta Galera	40 1	73 44	40	1013·4	1018·3	+ 0·7	288·2	293·0	27th	283·0	281·0	21st	285·6	*285·3*	+ 1·1	136	+89
1323	Sarmiento	45 34	69 0	272	975·3	1007·6	- 0·7	292·6	299·5	27th	280·5	274·0	8th	286·6	285·8	- 1·0	5	-27
1324	Puerto Madryn	42 49	W. 64 58	14	1006·2	1008·3	- 1·8	297·0	306·2	29th	281·6	273·4	5th	289·3	289·9	+ 0·9	29	-27
1365	∮Launceston	41 27	E.147 10	10·1	1009·3	1010·4	- 0·3	291·7	296·9	12th	281·9	276·3	20th	286·8	*286·0*	- 0·7	39	-27
1366	∮Hobart	42 53	147 20	53·9	1003·5	1009·9	+ 0·6	291·2	303·0	12th	281·9	278·1	20th	286·6	*285·8*	- 0·3	40	-27
1370	Invercargill	46 25	168 21	3·7	..	..	..	290·5	298·6	18th	280·0	275·2	2nd,22nd	285·2	..	+ 0·8	69	-24
1371	Dunedin	45 52	170 31	6·1	..	1011·6	+ 4·4	290·9	298·0	20th	280·2	275·8	12th,22nd	285·6	..	+ 0·8	51	-24
1371a	Christchurch	43 31	172 39	7·6	..	1012·9	+ 4·5	291·3	299·0	21st	280·5	274·3	13th	285·9	..	- 0·7	36	+48
1372	Wellington	41 16	174 46	128	..	1013·3	+ 1·9	288·8	292·5	25th	282·3	277·2	11th	285·6	285·0	- 1·2	131	+48
		S.	E.															

NOVEMBER – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	75 6	55	992·4	999·1	- 2·8	280·5	282·6	28th	276·8	274·8	4th	278·7	*279·3*	+ 0·1	220	-28
1422	Magallanes (Punta Arenas)	53 10	70 54	28	993·9	997·3	- 3·2	284·9	291·3	5th	277·5	273·5	4th	281·2	*281·0*	- 0·4	33	-20
1423	Punta Dungeness	52 24	68 26	5	995·0	995·6	- 3·6	284·4	289·5	28th	278·1	276·0	3rd	281·3	*281·3*	- 0·1	20	-20
1424	Santa Cruz	50 1	68 31	12	998·8	1000·2	- 3·2	290·2	296·8	28th	278·8	274·6	27th	284·5	284·2	- 0·6	21	-20
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	994·3	- 6·9	283·4	289·7	29th	275·1	271·9	4th,5th	279·3	..	- 1·0	69	-26
1426	Cape Pembroke	51 41	57 42	21·3	993·1	995·7	- 3·6	281·9	288·0	28th	276·2	273·0	5th	279·1	279·4	- 0·3	..	-26
1429	S. Georgia (Cumberland Bay)	54 14	36 33	4	991·8	992·3	- 1·6	278·2	287·3	30th	272·4	270·3	19th	275·3	*275·5*	- 0·4	160	-26
		S.	W.															

NOVEMBER – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 44	44 39	7	989·6	990·4	+ 1·5	272·6	276·8	29th	267·9	261·7	5th	270·2	270·1	- 0·7	25	-20
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, DECEMBER 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF DECEMBER, 1928
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

DECEMBER – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
102	Barrow	71 23	156 17	4·6	..	1011·2	- 1·7	252·4	261·3	5th	244·5	234·1	11th	248·4	..	- 0·2	7	0
125	Upernivik	72 47	56 7	19·2	1000·7	1003·2	- 3·1	266·4	275·4	7th	263·0	256·9	31st	264·7	*264·7*	+ 8·7	48	+35
131	Wyzgbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	16·9	1005·2	1007·4	..	264·8	272·5	1st	257·0	247·0	6th	260·9	*260·8*	..	24	..
138	Jan Mayen	70 59	W. 8 18	23·1	999·4	1002·3	+ 1·1	..	276·2	11th	268·6	260·8	6th	..	*270·8*	+ 0·8	100	+51
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1004·9	1006·3	- 0·7	..	276·2	3rd	254·2	235·0	27th	..	258·8	+ 0·2	60	+21
140	Björnöen	74 28	19 17	40·5	1001·0	1006·2	+ 2·6	..	275·6	3rd	262·9	247·8	30th	..	*265·9*	- 1·8	59	+22
141	Ingvy	71 4	24 6	4·3	‡1004·0	1005·0	+ 2·0	..	277·0	22nd	270·4	260·4	30th	..	*272·8*	+ 0·4	73	+ 3
142	Sletnes	71 5	28 14	10·2	1004·3	1005·6	+ 0·7	..	276·5	6th	268·8	263·9	30th	..	*271·4*	..	61	..
143	Vardö	70 22	31 8	11·8	1004·6	1006·1	+ 0·4	..	275·1	16th	267·7	260·9	31st	..	*270·1*	+ 1·5	14	-49
144	Malye Karmakouly	72 23	52 43	15·3	1005·1	1007·1	- 2·7	266·9	273·6	23rd	260·6	247·4	31st	263·8	*264·0*	+ 5·0	..	..
145	Walgatz	70 24	58 47	11·2	1007·5	1009·0	+ 0·5	267·4	272·6	24th	260·8	249·7	22nd	264·1	*264·2*	+ 6·4	..	..
163	Dickson	73 31	80 23	13·0	1007·1	1008·9	- 5·2	..	..	..	248·8	234·4	29th	..	*253·0*	+ 3·8	1	- 6
164	Boulounе	70 45	127 47	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

DECEMBER – ZONE 2.

201	Preobrajenye	N.	W.	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204	Nome	64 30	165 24	6·7	998·7	999·6	- 7·5	263·4	274·7	3rd	254·5	238·6	10th	258·9	*258·9*	+ 0·5	5	-23
205	Bethel	60 45	161 47	11·6	..	995·2	..	264·4	277·4	2nd	256·3	240·8	28th	260·3	..	..	16	..
206	Tanana	65 10	152 6	69·5	993·4	1002·0	- 8·5	259·4	269·7	17th,18th	251·7	230·2	12th,13th	255·6	*255·8*	+ 6·7	10	- 8
207	Rampart	65 30	150 15	114	..	..	..	258·4	268·6	17th	251·4	231·3	12th	254·9	..	+ 6·8	17	0
208	Valdez	61 7	146 16	122	..	..	..	272·2	276·9	17th	266·9	258·0	28th,30th	269·6	..	..	423	..
209	Eagle	64 46	141 12	248	973·3	1005·1	- 9·5	262·7	276·3	19th	253·9	233·6	29th,30th	258·3	*258·6*	+ 9·6	9	- 3
210	Dawson	64 4	139 29	324	965·6	1008·8	- 6·7	256·3	273·0	6th	248·0	232·4	31st	252·2	*252·1*	+ 3·2	28	+ 3
211	Mayo Landing	63 35	135 51	579	945·8	1020·7	..	262·4	276·3	22nd	252·4	234·1	31st	257·4	*258·0*	..	10	..
212	∮Fort Good Hope	66 25	128 53	65·2	1005·0	1014·0	- 7·1	252·4	263·6	6th,7th	244·7	230·2	30th	248·6	..	+ 4·8	32	+12
213	Fort Simpson	61 52	121 35	129	996·6	1014·0	- 3·6	259·7	277·4	22nd,23rd	251·3	237·4	3rd	255·5	..	+ 7·3	5	-17
214	Hay River	60 51	115 20	161	988·8	1010·1	- 6·1	264·7	280·2	22nd	250·8	237·4	30th	257·7	..	+ 5·9	5	-14
215	Jacobshavn	69 13	51 2	31·6	994·7	998·8	- 5·0	267·1	282·4	19th	261·1	254·5	4th	264·1	*264·3*	+ 4·3	10	- 3
216	Godthaab	64 10	51 43	20	..	..	..	270·6	276·0	30th	255·9	250·8	4th	268·3	*268·3*	+ 3·2	9	-31
217	Ivigtut	61 12	48 10	30·0	994·3	998·6	- 0·5	..	..	..	255·2	250·9	25th	..	*269·5*	+ 1·8	109	+31
218	Angmagsalik	65 37	37 33	29·3	995·9	999·6	+ 0·5	271·3	277·9	14th	266·8	257·9	7th	268·9	*269·2*	+ 3·0	82	+10
219	Stykkisholm	65 5	22 46	25	..	1000·0	+ 1·2	275·8	280·9	1st	270·8	261·9	6th	273·3	*273·4*	+ 1·7	106	+41
220	Vestmanno	63 24	20 17	132	..	1000·4	+ 3·4	277·9	281·3	18th	272·9	263·4	6th	275·4	*275·2*	+ 1·6	146	+ 7
221	Grimsey	66 33	18 1	22·0	..	?1000·7	- 0·1	275·1	279·7	1st	..	..	..	..	*273·5*	+ 1·6	2	-17
222	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
223	Teigarhorn	64 41	14 22	18·0	..	1002·4	+ 2·5	277·0	282·2	1st	272·2	263·4	6th	274·6	*274·0*	+ 1·5	30	-107
224	Djúvi	62 3	6 45	22·9	1004·3	1007·1	+ 5·1	279·7	283·5	4th	275·4	269·6	7th	277·5	*277·6*	+ 1·2	153	-19
225	Lerwick	60 8	W. 1 11	18·0	..	1009·3	+ 5·1	279·7	283·6	1st,5th	276·9	272·4	7th	278·3	*278·6*	+ 0·8	149	+27
226	Bergen (Met.Obs.)	60 24	E. 5 19	44·4	1007·1	1012·7	+ 5·0	276·9	281·7	5th	273·1	268·0	31st	275·0	*275·0*	- 0·4	244	+83
227	Aalesund	62 28	6 10	6·3	1009·5	1010·3	+ 3·7	..	281·4	4th	274·8	269·8	17th	..	*276·5*	+ 0·5	121	- 5
228	Trondhjem	63 26	10 25	59·2	1003·1	1010·6	+ 3·8	273·9	279·6	5th	269·3	260·4	16th	271·6	*272·0*	+ 1·4	73	+ 7
229	Röds	67 17	14 24	17·0	‡1005·1	1007·9	+ 3·0	..	280·0	5th	270·5	265·0	18th	..	*272·6*	+ 1·1	115	+37
230	Haperanda	65 50	24 9	9·2	1010·4	1011·6	+ 1·7	268·7	275·0	5th	262·0	249·8	29th,30th	265·3	*265·5*	+ 2·1	28	- 7
231	Helsingfors	60 10	24 57	11·7	1013·8	1015·3	+ 3·1	273·5	277·7	6th	269·5	260·5	15th	271·5	*271·7*	+ 2·6	54	+ 3
232	Knopio	62 55	27 40	233	985·2	1014·9	+ 3·0	269·4	274·0	6th	265·3	254·3	13th	267·3	*267·3*	+ 1·9	41	- 6
233	Kola	68 53	33 1	6·7	1008·0	1008·9	+ 0·4	268·2	277·0	23rd	261·4	250·4	9th	264·8	*265·5*	+ 3·0	22	+ 5
234	Petrozavodsk	61 47	34 23	79·0	1006·0	1016·2	+ 3·0	270·9	274·8	26th	265·4	256·0	31st	268·2	*268·3*	+ 3·5	28	- 8
235	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
236	Mezen	65 50	44 16	14·9	1010·2	1012·1	+ 1·6	270·0	273·6	23rd,24th	263·8	250·9	15th	266·9	*266·7*	+ 6·2	35	+21
237	Ust-Tsylma	65 25	52 18	68	1004·8	1013·7	+ 0·7	267·4	272·2	24th	261·0	245·9	31st	264·2	*264·2*	+ 5·8	26	+ 5
238	Tcherdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
239	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
240	Obdorsk	66 31	66 35	35·2	1012·8	1017·8	+ 1·3	260·3	271·0	24th	252·2	240·1	23rd	256·4	*256·6*	+ 5·6	21	+ 9
241	New Port	67 42	72 57	3·3	..	..	..	259·4	269·2	4th	250·7	235·8	23rd	255·0	*255·4*	..	6	..
242	Sourgout	61 15	73 24	48	1017·4	1024·0	+ 4·7	..	..	..	..	..	..	..	*255·0*	+ 2·5	25	+ 4
243	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Tourouhansk	65 47	87 57	45·0	1018·6	1022·9	+ 2·9	..	..	..	..	..	..	..	*249·4*	+ 4·2	25	+12
245	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
246	Iakoutsk	62 1	129 43	108	1008·4	1024·1	- 1·1	..	..	..	..	..	..	..	*256·4*	+ 3·4	6	- 4
247	Verkhoïansk	67 33	133 24	100	996·6	1011·2	-12·4	..	..	..	..	..	..	..	*233·1*	+ 6·4	3	- 1
248	Pétropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Novo Mariinskii Post	64 45	177 33	22·7	1005·5	1008·8	- 6·5	..	..	..	..	..	..	..	*250·3*	- 1·7	3	- 6
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
∮Change of normals, see page 105.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..		..	..		..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	992·5	-10·9	272·5	280·8	1st	268·4	262·4	10th,11th	270·4	..	- 0·1	36	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	989·8	990·2	-10·0	275·7	280·2	5th	270·5	265·2	27th	273·1	*272·9*	- 0·1	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	274·5	277·4	2nd,4th	270·9	265·2	27th	272·7	..	..	153	..
305	Dillingham	59 0	158 28	24·4	..	..	..	272·4	278·6	2nd	264·3	254·7	29th	268·3	..	+ 3·5	32	..
306	Kodiak (Radio)	57 47	152 22	4·6	990·5	991·2	- 7·8	276·6	280·8	24th	270·8	257·4	11th	273·7	*274·1*	+ 1·0	259	+120
309	Sitka	57 3	135 19	19·8	..	..	..	..	..		..	..		..	..	..	..	-20
310	Prince Rupert	54 18	130 18	51·8	1005·7	1012·1	+ 2·6	279·1	284·1	7th	271·6	264·7	2nd,31st	275·3	..	+ 0·4	282	+58
311	Barkerville	53 2	121 35	1274	866·1	1017·3	+ 1·5	279·7	283·6	6th	274·7	269·1	3rd	277·2	*277·4*	+ 2·1	126	+35
312	∮Kamloops	50 41	120 29	385	975·9	1024·3	+ 0·3	270·8	278·9	22nd	263·0	244·1	3rd	266·9	*267·1*	+ 0·7	36	+ 9
313	Calgary	51 2	114 2	1058	892·0	1019·0	+ 1·4	273·5	280·2	8th,9th	267·7	258·1	4th	270·6	*270·8*	+ 0·4	9	- 6
314	Fort Chipewyan	58 42	111 10	218	983·9	1012·3	- 3·9	275·8	286·9	23rd	262·4	243·6	3rd	269·1	*269·7*	+ 3·1	6	- 6
315	Prince Albert	53 10	105 38	437	960·9	1016·9	- 3·0	265·2	278·0	23rd	256·9	244·1	30th	261·1	*261·0*	+ 6·9	0	- 8
316	Qu'Appelle	50 30	103 47	651	937·9	1019·6	- 0·4	268·0	279·7	9th	257·4	239·7	31st	262·7	*262·4*	+ 4·3	11	- 5
317	Minnedosa	50 15	99 50	515	952·1	1017·3	- 1·9	269·1	279·1	8th	260·8	244·1	31st	264·9	*264·7*	+ 4·3	11	- 5
318	Berens River	52 18	97 23	216	..	..	..	268·8	277·9	10th	259·8	241·7	20th	264·3	*264·1*	+ 4·6	20	+ 4
318a	Port Nelson	57 0	92 51	14·9	1009·3	1011·3	- 4·6	284·9	295·2	11th	251·7	236·9	20th	258·3	..	+ 1·6	17	- 1
								260·2	276·9	23rd	251·3	239·7	3rd,6th	255·8	..	+ 5·7		
319	Pagwa	50 3	85 18	189	..	..	..	270·9	280·8	13th	262·4	244·7	8th	266·7	..	+ 7·9	22	..
320	Moose Factory	51 14	80 30	9·1	1011·3	1012·5	- 3·1	268·6	277·4	13th	258·6	243·6	22nd	263·6	..	+ 5·6	14	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	43	..
324	∮Matashquan	50 8	61 48	6·1	..	..	..	..	..	..	..	..	..	282·4	..	+ 6·5	78	..
								269·1	276·9	19th	259·4	246·3	23rd,24th	264·3	..	+ 2·2		
326	Belle Isle	51 53	55 23	130	991·0	1008·1	+ 1·0	270·8	274·7	6th	264·6	256·3	26th	267·7	*267·5*	+ 4·6	..	..
333a	62°-57°N. 20°-15°W.	††58 51	††17 17	§(21)	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	..	..	..	..	..	281·6]-0·3	..	..	..	..	279·8	..	176	..
335	Aberdeen	57 10	W. 2 6	26·0	1014·1	1015·8	+ 5·1	282·4	285·8	25th	278·0	273·4	31st	280·2	280·5	0·0	71	+ 4
336	Greenwich	51 28	0 0	46·3	1006·5	1009·7	+ 2·7	279·2	285·1	1st	274·7	272·2	28th	276·9	277·0	+ 0·3	61	+ 4
					..	1017·5	+ 3·5	279·4	285·8	26th	273·8	268·6	9th,15th	276·6	276·9	- 0·8		
337	Uccle	50 48	E. 4 22	100	1005·2	1017·7	+ 1·0	278·3	283·2	26th	273·4	266·3	14th	275·8	275·7	- 0·2	85	+ 8
338	De Bilt	52 6	5 11	3·0	1016·6	1017·0	+ 2·4	277·8	280·8	27th	272·8	267·6	14th	275·3	275·3	- 0·3	62	+ 2
338a	Hamburg	53 33	9 58	40·3	1012·4	1017·5	+ 4·0	275·6	281·0	28th	272·3	265·6	21st	273·9	*273·9*	- 0·4	32	- 2
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1015·6	1016·2	+ 2·9	275·6	279·9	6th	272·3	268·7	21st	273·9	*274·2*	+ 0·3	19	- 1
340	Potsdam	52 23	13 4	84·9	1007·4	1018·2	+ 2·8	274·0	279·4	7th	270·2	261·8	21st	272·1	272·0	- 1·5	37	+ 4
340a	Uppsala	59 51	17 38	24	1011·3	1014·3	+ 3·1	272·8	277·1	6th	269·3	260·5	31st	271·1	271·2	+ 1·8	14	- 1
341	Warsaw	52 13	21 3	89·9	1007·1	1018·6	+ 1·0	272·5	277·4	6th	268·6	255·1	18th	270·5	*270·6*	..	34	+ 1
342	Tartu (Ülikooli)	58 23	26 43	80·8	1008·7	1017·0	+ 4·0	271·3	275·7	8th	267·7	259·1	31st	269·5	269·5	+ 1·4	16	- 1
343	Leningrad	59 56	30 18	8·6	1015·9	1017·0	+ 4·1	271·9	275·1	8th	267·9	257·0	31st	269·9	*269·9*	+ 2·7	20	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	1000·4	1022·1	+ 4·5	268·0	274·2	1st	262·6	247·5	20th	265·3	*265·6*	+ 0·6	23	..
345	Saratov	51 32	46 2	127	1010·7	1027·5	+ 6·0	266·1	273·5	15th	260·0	251·8	20th	263·0	*263·3*	+ 0·1	17	..
346	Kazan	55 47	49 8	79·9	1016·3	1026·9	+ 5·8	265·8	270·9	15th	260·4	249·5	24th	263·0	*263·2*	+ 0·5	5	..
347	Orenburg	51 45	55 6	109	1017·2	1031·8	+ 5·6	264·9	271·2	12th	257·5	250·3	31st	261·2	*261·3*	- 0·3	34	..
348	Perm	58 1	56 16	163	1004·7	1026·2	+ 5·0	..	..	..	..	..	..	..	*262·0*	+ 2·0		
349	Sverdlovsk	56 50	60 38	281	990·4	1027·3	+ 6·0	..	..	..	..	..	..	..	*261·9*	+ 1·3	5	..
350	Tobolsk	58 12	68 14	108	1013·1	1027·7	+ 5·9	..	..	..	..	..	..	..	*257·8*	+ 0·8	11	..
351	Akmolinsk	51 12	71 23	347	988·4	1034·9	+ 5·3	..	..	..	..	..	..	..	*256·3*	- 2·7	10	..
352	∮Omsk	55 1	73 19	108	1017·0	1031·7	+ 7·1	..	..	..	..	..	..	..	*255·8*	- 1·0	4	..
353	Barnaoul	53 20	83 48	182	1014·2	1036·5	+ 7·3	..	..	..	..	..	..	..	*254·2*	- 4·1	12	..
354	Tomsk	56 30	84 58	123	1015·9	1032·8	+ 6·6	..	..	..	..	..	..	..	*253·3*	- 2·3	12	..
355	Minousinsk	53 43	91 41	249	1003·5	1038·1	+ 6·1	..	..	..	..	..	..	..	*249·6*	- 6·2	33	..
356	Eniseisk	58 27	92 10	81·2	1021·1	1032·5	+ 6·1	..	..	..	..	..	..	..	*249·4*	- 3·5	17	..
357	Irkutsk	52 16	104 19	467	974·0	1037·9	+ 6·2	..	..	..	..	..	..	..	*250·0*	- 4·3	13	..
358	Kirensk	57 47	108 7	278	995·8	1034·8	+ 5·1	..	..	..	..	..	..	..	*246·7*	- 0·8	23	..
359	Tchita	52 2	113 30	685	939·6	1031·4	+ 0·5	..	..	..	..	..	..	..	*249·4*	+ 0·8	1	..
360	Nertchinskii Zavod	51 19	119 37	621	948·3	1033·3	+ 4·7	..	..	..	..	..	..	..	*245·0*	- 1·9	1	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météon)	50 16	127 30	142	1004·3	1023·8	+ 0·7	..	..	..	..	..	..	..	*251·4*	+ 0·2	8	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1007·2	1013·0	+ 0·2	..	..	..	..	..	..	..	..	..	12	..
366	Okhotsk	59 21	143 17	6·0	1008·8	1009·4	- 2·9	..	..	..	..	..	..	..	*250·7*	- 2·0	0	..
								..	..	..	..	..	..	..	*250·7*	- 1·1		
368	Petropavlovsk (Phare)	52 53	158 43	87·1	984·4	995·5	- 6·2	..	..	..	..	..	..	..	*264·6*	- 0·7	43	..
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·8	1018·5	+ 2·0	279·7	282·5	7th	276·4	271·6	3rd	278·1	*277·9*	0·0	67	-79
412	Portland, Oregon	45 32	122 41	48·6	1015·6	1021·3	+ 2·1	280·3	288·0	9th	274·7	269·1	19th	277·5	*277·5*	- 0·5	191	+15
413	Macleod	49 44	113 24	953	..	..	..	275·4	284·1	24th	265·3	244·1	3rd	270·4	*270·4*	+ 1·7	5	- 9
414	Helena	46 34	112 4	1253	875·3	1022·7	+ 2·0	273·4	283·6	27th	263·4	249·7	4th	268·4	*268·4*	- 0·5	24	+ 4
414a	Salt Lake City	40 46	111 54	1329	872·9	1028·4	+ 2·8	274·5	288·5	27th	267·8	260·2	20th	271·1	*271·2*	- 1·7	14	-21
415	Cheyenne	41 8	104 48	1856	812·2	1021·7	+ 1·5	275·9	288·6	27th	264·3	253·6	4th	270·1	*270·1*	- 0·7	4	- 8
415a	North Platte	41 8	100 45	860	818·2	1021·3	+ 0·5	276·8	290·2	27th	265·1	256·9	5th	270·9	*270·6*	+ 0·8	2	-12
417	Bismarck	46 47	100 38	510	965·3	1018·3	- 0·9	273·3	281·9	27th	262·2	248·6	4th	267·7	*267·8*	+ 3·6	6	- 9
418	Winnipeg	49 53	97 7	232	987·6	1017·6	- 1·1	268·7	279·7	10th	261·4	248·1	20th	265·1	*264·4*	+ 6·7	9	-15
419	Duluth	46 47	92 6	345	974·1	1017·3	- 0·3	270·2	277·4	24th	262·8	248·0	21st	266·5	*266·3*	+ 3·1	29	- 1
419	Port Arthur	48 27	89 12	196	991·5	1016·5	- 0·7	270·8	280·8	24th	263·6	251·3	8th	267·2	*267·1*	+ 4·3	15	- 6
420	Chicago	41 47	87 35	205	994·3	1019·6	+ 1·0	276·2	283·0	11th	270·0	256·9	21st	273·1	*273·0*	+ 1·0	67	+14
421	Toronto	43 40	79 24	116	1004·6	1019·3	+ 1·5	276·1	281·4	16th	271·0	262·9	21st	273·6	*273·3*	+ 3·3	31	-32
422	New York (Central Park)	40 47	73 58	47·4	1014·1	1020·0	+ 1·7	280·2	288·6	17th	273·9	265·6	22nd	277·1	*276·9*	+ 2·6	25	-62
423	St. John, N.B.	45 17	66 4	36·3	1010·8	1015·4	+ 1·2	275·1	284·0	17th	268·5	258·8	23rd	271·8	*271·7*	+ 3·0	107	+ 1
424	S.W. Point, Anticosti	49 24	63 33	9·1	1010·0	1011·2	+ 0·3	271·3	277·4	18th	266·3	260·6	22nd,23rd	268·8	*269·1*	+ 2·4	74	+16
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·8	1015·7	+ 2·2	279·1	285·8	9th,18th	274·1	269·1	23rd	276·6	*276·7*	+ 1·8	150	+14
425	Port aux Basques	47 35	59 10	9·1	1010·7	1011·9	+ 2·0	274·8	281·1	18th	270·2	264·9	22nd	272·5	*272·8*	+ 1·7	168	+33
426	St. John's, Newfoundland	47 34	52 42	74·1	1003·7	1013·0	+ 4·4	..	..	....	..	..	..	272·9	..	+ 1·6	222	+65
426	Madrid	40 24	3 41	667	942·4	1022·5	+ 0·7	282·1	286·9	1st	273·5	270·2	19th	277·8	*277·1*	- 0·4	32	- 9
427	Nantes	47 15	W. 1 34	36·5	1014·6	1019·1	+ 2·2	280·8	285·7	26th	276·1	268·9	10th	278·5	278·5	+ 0·2	60	-35
428	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1013·1	1019·4	+ 2·5	279·1	284·8	26th	275·2	268·0	15th	277·1	277·2	+ 0·8	44	+ 2
428a	Marseille	43 18	5 23	75	..	1016·5	+ 0·8	284·0	287·8	10th	275·6	270·6	16th	279·8	*279·2*	- 1·4	57	+ 4
429	Zürich	47 23	8 33	493	960·3	1020·9	+ 1·2	276·0	283·0	29th	271·5	266·1	15th,16th	273·8	273·5	+ 0·5	80	+ 4
430	Rome	41 54	12 27	45·5	1009·9	1015·5	- 0·4	283·7	286·6	9th	276·5	273·0	7th,27th	280·1	*280·1*	- 1·1	114	+16
431	Vienna	48 15	16 22	203	994·0	1019·5	+ 0·7	274·6	280·4	29th	270·9	263·8	21st	272·8	272·8	- 0·4	76	+29
432	Budapest	47 31	19 1	130	1002·8	1019·2	+ 0·4	275·4	281·7	11th	271·9	265·3	22nd	273·7	273·4	+ 0·1	43	-11
433	Sofia	42 42	23 20	550	952·4	1020·0	- 1·3	275·0	284·9	13th	269·7	262·7	23rd,29th	272·3	*272·3*	- 0·8	42	+ 9
434	Bucharest	44 25	26 6	82	1009·2	1019·5	- 1·5	275·5	284·2	13th	270·9	263·8	25th	273·2	273·9	+ 1·5	38	- 2
443	Odessa (Observatory)	46 26	30 46	42·8	1012·8	1018·2	- 1·9	275·9	283·3	13th	271·6	261·8	25th	273·7	*273·8*	+ 0·8	54	+24
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Noyorossiisk	44 44	37 49	37·1	1013·2	1017·8	- 1·5	281·5	291·6	3rd	275·9	264·4	25th	278·7	*278·6*	+ 0·5	59	-33
445	Tiflis	41 43	44 49	404	971·9	1021·0	- 2·3	280·9	289·7	4th	274·5	266·7	28th	277·7	277·3	+ 1·5	11	-11
446	Astrakhan	46 21	48 2	-13·8	1027·0	1025·2	+ 1·4	..	..	..	..	..	..	..	*269·9*	- 0·1	13	- 1
447	Fort Alexandrovsk	44 31	50 7	-23·0	1028·8	1023·9	+ 1·7	..	..	..	..	..	..	..	*273·2*	+ 0·5	2	-11
448	Krasnovodsk	40 0	52 59	-4·6	1021·1	1020·5	- 1·7	..	..	..	..	..	..	..	*277·1*	- 2·1	22	+ 6
449	Kazalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	261·1	253·1	5th	..	*264·8*	- 1·4	10	- 3
450	Tashkent	41 20	69 18	478	966·3	1025·3	- 0·7	278·3	289·6	19th	270·4	257·9	29th	274·3	*274·2*	- 1·3	..	..
451	Narynskoe	41 26	76 13	2015	795·8	..	- 3·4	..	..	..	256·5	246·1	30th	..	*262·6*	+ 1·8	19	+ 8
452	Alma Ata	43 16	76 53	841	925·5	1031·0	+ 2·2	268·8	279·8	19th	259·0	248·0	3rd	263·9	*263·7*	..	28	- 4
461	Moukden	41 48	123 23	43·8	1022·7	1028·5	+ 1·7	268·4	275·7	6th,8th	258·2	252·5	19th	263·3	263·0	+ 0·2	4	- 5
462	Joshin	40 40	129 11	31·9	1018·7	1022·8	+ 1·8	274·0	278·5	7th	265·8	258·1	19th	269·9	269·6	0·0	23	- 7
463	Fuki	42 20	130 24	63·8	1015·2	1023·5	+ 2·0	269·0	275·7	30th	262·6	256·8	19th	265·8	265·7	- 0·8	11	- 1
464	Vladivostok	43 7	131 54	126	1006·8	1022·9	+ 1·4	..	..	..	..	..	..	..	*260·0*	- 3·2	46	+33
465	Ochiai	47 20	142 47	27·4	1007·6	1011·2	- 0·3	267·8	276·6	4th	257·4	245·8	31st	262·6	262·6	- 1·1	24	-32
466	Memuro	43 20	145 35	26·7	1007·1	1010·5	- 0·6	274·3	281·3	4th	267·4	264·1	17th	270·9	271·1	- 0·4	42	-16
466a	Syana	45 14	147 53	39·3	1002·4	1007·4	- 1·4	272·8	281·3	4th	268·6	263·1	18th	270·7	270·6	- 0·1	126	+18
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

DECEMBER - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1015·9	1021·7	+ 1·5	285·7	290·2	5th	279·9	275·2	23rd	282·8	*282·7*	- 0·5	124	+ 8
512	Sacramento	38 35	121 30	21·0	1019·9	1022·3	+ 2·0	283·2	289·7	4th	275·3	269·1	22nd	279·3	*279·4*	- 1·6	68	-28
513	San Diego	32 43	117 10	26·5	1016·1	1019·3	+ 1·4	291·2	296·3	28th	281·6	276·3	19th	286·4	*286·3*	+ 0·3	61	+15
514	Modena	37 48	113 54	1688	836·6	1024·7	+ 1·7	275·5	286·3	27th	260·2	249·1	20th	267·8	*266·8*	- 3·2	13	- 3
515	Santa Fé	35 41	105 57	2138	787·9	1022·3	+ 1·4	278·4	288·0	27th	266·2	256·9	20th	272·3	*271·3*	+ 0·4	6	-13
516	Denver	39 45	105 0	1613	838·1	1022·0	+ 1·9	279·1	294·1	27th	266·1	256·3	5th	272·6	*272·0*	- 0·2	2	-16
517	Abilene	32 23	99 40	530	959·2	1022·0	+ 1·8	287·2	298·6	28th	274·4	267·4	20th	280·8	*279·9*	+ 0·3	21	- 9
518	Saint Louis	38 38	90 12	173	999·5	1020·6	+ 0·7	280·9	296·9	26th	272·4	264·1	5th	276·7	*276·1*	+ 1·7	56	- 8
519	Mobile	30 41	88 2	17·4	1019·8	1022·0	+ 1·2	289·2	296·3	29th	279·4	269·7	9th	284·3	*284·1*	+ 0·1	148	+24
520	Nashville	36 10	86 47	166	1002·1	1022·3	+ 1·2	284·4	294·7	28th	273·6	267·4	6th	279·0	*278·8*	+ 0·9	35	-65
521	Charleston	32 47	79 56	14·6	1019·4	1021·0	+ 0·4	288·1	295·8	14th	280·4	274·1	10th	284·3	*284·4*	+ 0·7	28	-45
522	Washington	38 54	77 3	34·1	1017·4	1021·7	+ 1·5	281·9	289·7	17th	272·1	266·3	22nd	277·0	*276·4*	+ 1·6	31	-51
524	Bermuda	32 17	64 46	46·0	1018·0	1021·5	+ 2·6	295·1	297·3	9th	288·1	284·2	14th	291·8	*291·5*	+ 0·2	192	+72
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*See formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	∮Santa Cruz (Flores)	39 27	31 9	40	1019·3	1024·0	+ 4·4	291·7	294·5	5th	287·0	285·1	27th	289·3	289·2	+ 0·9	118	-72
531	Horta	38 32	28 38	65	1018·8	1024·8	+ 4·3	290·9	292·8	14th	287·3	285·1	9th	289·1	288·9	+ 0·3	106	-17
532	Ponta Delgada	37 44	25 40	22	1022·3	1024·9	+ 3·8	290·5	291·9	2nd	287·5	285·1	9th	289·0	289·1	+ 0·6	..	-24
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	114	-55
533	Madeira (Funchal)	32 38	16 55	25	1021·3	1024·3	+ 2·7	292·6	294·4	12th	287·3	285·4	23rd	289·9	*289·9*	+ 0·7	0	-57
535	Lisbon	38 43	9 9	95	1010·7	1021·3	+ 1·4	286·1	289·4	14th	280·3	276·7	26th	283·2	283·0	- 0·9	47	-41
535a	Melilla	35 17	2 59	40	1016·2	1021·0	..	289·3	292·1	5th	283·2	278·9	22nd	286·2	*286·5*	- 1·5	78	-57
536	Gibraltar	36 6	5 21	16·2	..	1021·0	+ 0·7	288·9	293·0	16th	282·3	279·7	23rd	285·8	*285·9*	- 0·5	4	+ 1
536a	Colomb-Béchar	31 36	W. 2 4	769	932·0	1021·2	..	289·1	295·0	18th	271·8	267·0	27th	280·5	*279·6*	- 1·7		
537	Palma	39 34	E. 2 39	23	1014·9	1017·7	- 0·5	289·0	293·0	2nd	277·8	274·8	19th	283·4	*282·7*	- 1·2	28	-39
538	Algiers (Bouzaréah)	36 48	3 2	342	977·9	1018·8	- 0·1	285·2	288·0	7th	280·8	277·2	12th	283·0	283·1	- 0·9	86	- 2
538a	Gadames	30 9	9 30	351	..	..	..	292·7	299·0	9th	..	..	..	..	..	..	1	+26
539	Tunis	36 48	10 10	75	1008·8	1017·9	..	286·7	288·9	30th	279·8	276·4	1st	283·3	*283·0*	- 1·3	84	+57
539a	Malta	35 54	14 31	71·2	..	1015·7	- 0·2	287·7	291·3	8th	283·3	279·7	16th	285·5	*285·0*	- 1·9	110	+37
540	Riposto	37 41	15 14	14·2	..	1015·9	- 1·8	286·2	289·6	31st	279·3	277·0	16th,21st	282·7	*283·7*	- 1·7	162	+40
541	Athens	37 58	23 43	107	1002·8	1015·8	- 1·3	286·0	290·3	12th,13th	280·0	277·2	5th,18th	283·0	282·5	- 1·0	113	-57
542	Alexandria	31 12	29 53	32·0	1013·2	1017·0	- 0·9	292·9	298·6	14th	284·9	282·0	21st	288·9	*288·9*	- 0·3	16	
543	Ankara (Angora)	39 58	32 48	861	916·5	1018·9	- 2·3	278·9	288·3	1st	272·0	265·8	27th	275·5	*275·1*	..	42	-21
543a	Nicosia (P.W.D.)	35 9	33 22	159	996·6	1015·6	- 1·9	289·6	293·0	2,4,15	280·3	278·3	10th,11th	285·0	..	+ 0·1	37	+17
544	Beirut	33 54	35 28	33·7	..	1016·3	- 1·4	291·5	297·4	3rd	286·2	280·8	8th,9th	288·8	*288·7*	+ 0·4	208	-15
545	Hinaidi	33 17	44 29	32·3	1014·5	1016·5	- 1·5	290·8	295·2	21st	279·0	273·6	13th	284·9	*284·7*	+ 1·0	2	- 2
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	29	+21
548	Meshed	36 17	59 38	946	880·2	..	..	283·0	286·8	17th	273·8	267·2	28th	278·4	*277·9*	- 0·4	34	+21
549	Seistan	31 0	61 30	610	..	..	..	281·6	289·5	17th	270·8	261·3	28th	276·2	..	- 0·5	..	..
550	Quetta	30 12	67 0	1647	..	..	..	288·9	295·1	9th	274·9	270·9	2nd	281·9	..	+ 0·3	7	- 2
551	Peshawar	34 2	71 37	339	838·3	..	- 0·9	283·9	289·5	22nd	271·6	264·1	29th	277·7	*277·2*	- 1·0	22	+58
551a	Lahore	31 34	74 20	214	979·7	1020·7	- 0·8	289·6	292·9	11th	276·7	273·9	31st	284·1	*282·9*	- 0·6	71	+ 8
552	Simla	31 7	77 8	2202	993·3	1019·4	- 0·1	292·6	296·6	16th	279·5	276·9	29th	286·1	*285·0*	- 0·6	15	+38
552a	Leh	34 10	77 42	3503	783·9	..	+ 1·1	283·2	288·2	24th	277·3	269·2	31st	280·3	*279·8*	- 0·4	56	- 1
559	Hankow	30 35	114 17	37·0	1024·1	1028·7	+ 0·6	281·8	288·7	22nd	275·3	271·6	29th	278·5	*278·3*	- 0·7	3	+31
560	Tientsin	39 9	117 9	6·4	1029·1	1029·9	+ 1·7	274·8	279·9	7th	266·9	261·8	30th	270·9	*270·8*	0·0	42	+11
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1025·7	1026·5	+ 0·6	284·0	291·0	1st	276·5	268·9	5th	280·3	279·6	+ 1·0	37	-12
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1017·6	1026·3	+ 1·6	275·6	287·6	1st	267·7	259·1	19th	271·6	271·5	- 0·6	14	+34
562a	Nagasaki	32 44	129 52	133	1006·7	1023·0	+ 1·0	284·6	289·9	15th	277·8	273·4	18th	281·2	280·7	0·0	101	+38
563	Kyoto	35 1	135 44	42·9	1015·7	1021·1	+ 1·6	283·3	288·4	1st	273·7	268·8	22nd	278·5	277·8	+ 0·4	52	-20
564	Tokyo	35 41	139 46	5·8	1016·7	1017·4	+ 1·0	283·0	286·5	1st	273·9	269·1	21st	278·5	278·4	+ 0·2	33	+ 3
565	Hukusima	37 45	140 28	68·5	1009·2	1017·8	+ 1·3	279·2	284·6	4th	271·8	263·3	20th	275·5	275·3	- 0·7	68	-36
566	Miyako	39 38	141 59	30·4	1011·4	1015·2	+ 0·6	279·1	284·7	4th	269·3	263·2	22nd	274·2	273·5	- 1·7	33	
		N.	E.															

DECEMBER – ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1020·9	1021·7	+ 5·6	296·4	298·6	11th	289·6	285·8	14th	293·0	*292·6*	+ 0·7	25	-66
605	Honolulu	21 19	157 52	11·6	1017·2	1018·6	+ 2·5	298·2	300·8	1st	293·7	292·4	5th	295·9	*295·8*	+ 0·5	55	-24
613	Guaymas	27 55	110 53	8·3	1016·0	1017·0	..	296·5	302·6	26th	286·8	281·6	19th	291·7	*291·8*	- 0·1	1	- 4
615	Leon	21 7	101 41	1809	822·4	1014·8	- 0·1	296·7	302·5	3rd	279·6	273·0	30th	288·1	*287·2*	+ 0·2	96	-23
616	Monterry	25 40	100 18	528	958·8	1020·5	+ 2·4	291·2	299·4	29th	282·1	276·1	21st	286·7	*287·0*	- 0·8	0	-25
617	Tulancingo	20 5	98 22	2181	790·7	..	+ 0·3	294·3	299·6	sev.dates	277·4	269·5	30th	285·9	*284·6*	- 0·4	107	+25
618	Galveston	29 18	94 50	16·5	1020·2	1022·0	+ 2·1	289·1	296·9	4th	282·3	276·3	22nd	285·7	*285·8*	- 0·9	154	+57
618a	New Orleans	29 57	90 4	16·2	1019·9	1022·0	+ 1·7	289·8	297·4	4th	281·4	273·6	9th	285·6	*285·2*	- 0·6	6	-35
619	Mérica, Yuc.	20 58	89 38	22	1015·5	1018·1	+ 0·7	300·9	305·0	2nd	291·9	287·8	31st	296·4	*295·5*	0·0	13	+10
620	Havana	23 7	82 25	77·0	1009·0	1018·0	- 0·1	298·3	303·5	2nd	290·8	284·6	29th	294·5	294·3	..	57	+21
620a	Key West	24 33	81 46	6·7	1018·5	1019·3	+ 0·6	296·7	301·3	2nd	290·8	284·7	9th	293·8	*292·9*	- 0·4	19	..
621	Nassau, Bahamas	25 5	77 20	9·6	..	1018·4	- 0·2	..	..	..	291·7	285·8	30th	..	‡*295·2*	- 0·3	..	..
622	Watling Island	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	*296·7*	- 1·0	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	301·2	305·5	18th	290·2	285·4	28th	295·7	*294·0*	..	3	-20
634m	Izaña	28 19	16 30	2367	769·2	..	+ 0·5	280·3	285·1	1st	274·2	270·0	6th	277·2	*277·0*	- 0·2	55	-34
634	La Laguna	28 28	16 20	547	957·2	1021·3	+ 0·5	289·7	293·8	17th	283·1	278·4	29th	286·4	*285·9*	+ 0·1	50	..
636	Adrar	27 38	W. 0 4	285	988·3	1022·5	..	291·4	297·9	14th	277·2	273·0	22nd	284·3	*285·6*	..	1	..
638	Laperrine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	..
641	Giarabub	29 45	24 31	49	..	..	..	290·9	292·6	7th	279·4	278·0	30th	285·1	*284·3*	..	0	- 1
642	Siwa	29 12	25 29	-23	1021·1	1018·3	+ 0·3	293·9	302·0	1st,14th	277·9	272·7	22nd	285·9	..	..	0	- 2
643	Cairo (Helwan)	29 52	31 20	116	1004·2	1017·9	- 0·8	293·4	298·9	1st	282·7	278·9	7th	288·0	*287·8*	+ 0·2	..	..
643a	Aswan	24 2	32 53	100	1004·8	1016·4	- 0·6	300·0	306·8	2nd	284·9	278·5	10th	292·4	*291·2*	+ 1·4	2	- 1
644	Tor	28 14	33 37	1·9	1016·2	1016·3	- 0·4	295·6	303·0	2nd	283·7	278·0	22nd	289·6	*289·1*	+ 0·4		
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 109. ∮Change of normals, see page 108.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1018·5	1018·9	..	293·2	298·3	5th	285·1	280·8	13th,14th	289·2	*288·8*	- 0·2	31	-44
648	Jask	25 45	57 45	4·0	1017·0	1017·5	..	297·8	299·9	2nd	289·6	285·1	13th	293·7	*293·3*	- 0·5	31	+ 3
649	Karachi	24 53	66 57	4·0	1018·1	1018·6	+ 0·2	297·5	300·6	23rd	287·8	284·2	31st	292·7	*292·3*	- 0·7	1	- 3
650	Jacobabad	28 17	68 29	56·7	1013·4	1020·3	+ 0·9	297·1	300·8	21st	279·6	273·4	31st	288·5	*287·7*	- 0·3	0	- 3
651	Jaipur	26 56	75 52	436	968·6	1020·1	+ 0·2	295·8	300·2	16th	282·3	276·8	31st	289·1	*288·0*	- 1·4	16	+11
652	Nagpur	21 8	79 5	310	981·9	1018·0	+ 0·1	300·5	304·2	30th	286·1	280·1	23rd	293·3	*292·9*	+ 0·2	9	- 5
653	Allahabad	25 25	81 51	94·2	1006·7	1018·0	- 0·5	297·6	301·7	1st	283·6	278·1	21st	290·6	*289·5*	+ 1·1	39	+33
654	Darjeeling	27 3	88 15	2265	778·3	..	+ 0·7	283·6	285·7	9th	277·1	275·2	31st	280·3	*279·8*	+ 1·2	0	- 6
	Calcutta	22 32	88 20	6·4	1016·2	1017·0	- 0·2	299·4	302·1	4th	287·8	284·7	28th	293·6	*293·0*	+ 1·5	0	- 5
655	Gauhati	26 8	91 41	59·7	1011·5	1018·6	+ 0·3	296·9	298·9	10th	284·1	281·4	27th,31st	290·5	*289·9*	- 0·1	0	- 4
655a	Cherrapunji	25 15	91 42	1313	871·3	..	+ 0·3	290·7	295·2	8th	282·5	279·4	28th	286·6	*285·9*	+ 1·0	0	- 8
656	Akyab	20 11	92 56	6·1	1014·2	1014·8	- 0·5	301·3	302·9	7th	290·2	285·8	16th	295·7	*295·0*	+ 0·5	0	-19
656a	Mandalay	21 59	96 0	76·2	1007·6	1016·0	- 0·2	303·1	304·6	11th	288·4	285·9	16th	295·7	*295·0*	+ 0·9	0	-10
656b	Tengyueh	25 2	98 33	1626	838·4	1016·8	..	291·6	293·0	4th	274·8	271·9	17th	283·2	*282·3*	+ 0·5	0	-16
658	Pim Lien	20 48	106 38	116	..	1018·3	- 0·6	296·7	300·3	24th	290·0	285·4	16th	293·4	292·7	+ 1·6	2	-27
658a	Moncay	21 31	107 51	9·0	..	1018·8	- 0·6	295·6	300·2	2nd	288·7	285·1	4th	292·3	*291·5*	+ 2·1	7	-34
660	Hongkong	22 18	114 10	33·2	..	1019·3	- 0·4	294·4	299·0	15th	289·6	285·1	5th	292·0	291·7	+ 1·6	1	-25
661	Amoy	24 26	118 4	4·9	..	..	..	296·3	299·7	2nd	288·6	285·2	17th	292·5	290·3	+ 1·0	1	-31
661a	Taihoku, Formosa	25 2	121 31	9·3	1020·1	1021·2	+ 0·3	294·8	301·4	14th	288·0	284·1	31st	291·4	290·7	+ 0·9	29	-45
662	Basco	20 26	121 59	18·7	..	1015·5	+ 0·4	298·5	300·5	15th	294·6	292·6	21st	296·5	296·2	+ 0·3	261	-70
662a	Naha	26 12	127 39	29·5	1016·6	1020·1	+ 0·1	293·6	297·5	15th	288·6	285·2	31st	291·1	291·0	+ 0·5	55	-50
665	Titizima (Bonin Islands)	27 5	142 11	4·1	1017·6	1018·1	+ 0·7	296·1	299·3	13th	290·0	285·1	25th	293·1	292·8	+ 0·4	73	-58
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

DECEMBER – ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
716	Colima	19 12	103 45	498	958·8	1014·9	+ 1·8	304·6	307·5	sev.dates	288·7	286·0	23rd	296·7	*295·4*	- 0·7	0	-44
717	Morelia	19 42	101 7	1923	810·7	1013·8	- 0·2	293·6	295·8	5th	280·3	275·8	30th	286·9	*286·7*	0·0	0	-20
718	Mexico, Tacubaya	19 24	99 12	2309	775·6	..	+ 0·1	294·2	297·2	1st	276·9	271·5	30th	285·5	284·7	- 0·5	0	- 9
	Salina Cruz	16 12	95 12	56	1006·6	1013·1	- 0·3	301·6	304·6	5th	294·0	290·5	31st	297·8	*298·1*	- 0·2	0	- 2
720	San Salvador	13 42	89 13	682	937·4	1012·9	0·0	305·3	307·6	31st	289·4	284·0	10th	297·3	*295·7*	+ 0·3	21	+ 8
721	Belize	17 31	88 11	5·2	1017·0	1017·6	+ 1·5	..	..	..	..	..	..	..	‡*295·4*	- 0·9	46	-144
722	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·5	+ 0·2	303·2	305·8	20th	294·0	290·6	17th	298·6	*298·3*	+ 0·2	23	-27
723	Port au Prince	18 33	72 20	37·4	1010·6	1014·9	0·0	302·5	305·1	20th	293·1	291·2	26th	297·8	*297·5*	- 0·4	68	+36
724	Caracas	10 30	66 56	1042	898·2	1012·8	- 0·3	296·4	299·0	11th	286·6	283·6	26th	291·5	*291·5*	- 0·1	41	- 4
724a	San Juan, Porto Rico	18 29	66 7	25·0	1012·1	1014·9	- 0·8	300·2	303·6	9th	295·1	293·0	16th	297·7	*297·5*	+ 0·1	121	-35
725	Grenada (Richmond Hill)	12 5	61 46	188	990·6	1012·3	- 0·1	302·3	304·1	7th,14th	295·6	294·1	26th,29th	298·9	*298·3*	+ 0·2	182	- 1
726	Barbados	13 8	59 36	55·2	..	1013·0	- 0·2	301·6	302·8	11th	294·4	292·2	27th	298·0	*297·8*	- 0·3	81	-23
727	São Vicente, C. Verde Is.	16 54	25 4	11	1013·3	1014·6	0·0	297·6	299·0	1,2,3	293·9	292·0	24th	295·7	*295·6*	- 0·1	62	+55
728	∮San Tiago, C. Verde Is.	14 54	23 31	34	1010·1	1014·0	- 0·6	300·2	302·8	6th,13th	293·8	292·4	29th	297·0	*296·9*	- 0·4	0	- 7
729	Dakar	14 40	17 26	32	..	1012·6	..	300·6	305·8	19th	292·4	288·6	28th	296·5	*294·6*	+ 0·6	0	-11
730	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·4	304·7	2nd	292·5	288·6	28th	296·4	*296·4*	- 0·7	0	..
731	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
732	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
733	Sokoto	13 2	E. 5 14	353	..	..	..	306·7	313·0	1st	288·3	283·0	30th	297·5	*297·1*	+ 0·2	0	0
734	Kaduna Capital	10 32	7 25	?837	..	..	..	304·6	309·1	24th,25th	..	..	..	..	‡*296·6*	+ 0·8	0	0
735	Madeije	12 40	10 5	?	..	..	..	304·5	310·8	10th	..	..	..	..	..	..	0	0
736	Maiduguri	11 47	13 11	361	..	..	..	307·0	311·9	1st,2nd	287·4	284·1	21st	297·2	*296·8*	+ 0·7	0	0
737	El Fasher	13 32	25 18	730	7928·8	?1010·6	..	306·5	310·0	17th,29th	282·4	275·0	11th	294·4	*292·6*	0·0	0	0
738	∮El Obeid	13 11	30 14	563	947·5	1011·4	- 0·1	305·5	308·7	29th	286·3	277·7	10th	295·9	*295·0*	+ 1·2	0	0
739	Khartoum	15 37	32 33	390	967·0	1010·7	- 1·4	305·9	310·9	29th	290·4	282·4	10th	298·2	*298·4*	+ 1·8	0	0
740	Fort Sudan	19 37	37 13	5·5	1013·2	1013·9	- 0·3	302·7	305·3	2nd	294·2	288·5	10th	298·4	*298·1*	+ 0·6	7	-23
741	Berbera, Somaliland	10 22	45 2	13·8	1014·0	1015·6	+ 0·4	301·2	303·6	2nd	292·2	288·6	17th,29th	296·7	*297·1*	- 1·5	4	+ 2
742	Aden	12 45	45 3	28·7	1013·0	1016·3	- 0·1	301·1	302·7	6th	295·3	292·4	29th	298·2	*297·8*	+ 0·1	0	- 3
743	Bombay	18 54	72 49	11·3	1013·4	1014·7	- 0·5	303·5	307·1	12th	293·8	289·3	31st	298·7	297·6	+ 0·5	0	- 1
744	Kodaikanal	10 14	77 28	2343	771·7	..	0·0	289·3	293·2	25th	282·1	279·0	11th	285·7	*285·2*	+ 0·1	245	+133
745	Bangalore	12 59	77 38	921	912·6	1014·2	- 0·3	299·2	301·5	31st	288·8	285·4	21st	294·0	*293·6*	+ 0·8	2	-10
746	Madras	13 4	80 14	6·7	1012·7	1013·5	- 1·4	302·0	303·9	2nd,4th	295·0	291·2	15th	298·5	*298·1*	+ 0·8	108	-40
747	Vizagapatam	17 42	83 19	11·6	1014·6	1016·0	- 0·3	299·8	302·0	5th	294·2	291·5	20th	297·0	*296·6*	+ 0·6	2	-17
748	Port Blair	11 40	92 40	18·0	1009·7	1011·7	- 1·1	302·9	303·8	25th	299·1	296·1	2nd	301·0	*300·6*	+ 0·9	13	-162
749	Rangoon	16 46	95 48	5·5	1013·6	1014·3	- 0·8	305·7	307·4	29th	293·3	290·4	15th	299·5	*298·6*	+ 1·4	0	- 9
750	Cap St. Jacques	10 20	107 5	180	..	1011·4	..	300·2	302·7	4th	294·8	293·0	22nd	297·4	*297·0*	- 0·4	9	-25
751	Nhatrang	12 15	109 12	3·6	..	1013·1	..	300·5	302·9	2nd	294·7	292·4	30th	297·6	*297·2*	+ 0·2	188	-30
752	Bolinao	16 23	119 53	2	..	1010·6	+ 0·8	303·4	305·7	8th	293·9	291·2	20th	298·7	*298·5*	- 0·9	1	-10
753	Vigan	17 34	120 23	12·2	..	1010·7	- 0·2	303·7	306·8	11th	295·6	293·0	29th	299·7	299·1	0·0	44	+35
754	Manila	14 35	120 59	14·2	..	1011·2	+ 0·1	303·5	306·4	6th	294·3	292·4	20th,28th	298·9	298·1	+ 0·1	14	-47
755	Ormoc	11 0	124 36	5·6	..	1008·4	- 0·2	304·4	306·2	4th,6th	295·8	291·1	3rd	300·1	*299·4*	+ 0·7	185	-11
756	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·1	- 0·6	302·2	303·2	19,25,26	297·9	296·2	21st	300·1	*300·2*	+ 0·6	218	+96
757	Saipan	15 14	145 46	207	987·2	1007·4	..	300·4	301·4	1st	296·3	294·2	2nd	298·3	298·1	..	156	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ∮Change of normals, see page 110.

DECEMBER – ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·8	1010·4	+ 0·3	303·9	305·2	2,4,19	..	..	..	..	‡301·8	+ 0·5	145	-70
821	Cristobal	9 23	79 23	11·0	..	1010·6	- 0·2	302·7	304·7	14th	297·2	295·2	9th	299·9	299·5	+ 0·3	417	+159
822	Bogota	4 36	74 5	2845	746·0	..	..	291·5	293·5	14th,16th	282·2	277·9	6th	286·8	286·2	..	140	+ 7
822a	∮Merida, Venez.	8 36	71 9	1641	‡ 841·4	..	- 0·1	295·2	296·5	17th	286·6	284·2	15th	290·9	290·1	- 0·4	83	-89
823	Ciudad Bolivar	8 9	63 33	38	1006·0	1010·3	..	302·5	304·7	3rd	298·0	294·4	29th	299·3	298·9	- 0·4	26	-53
824	El Peru, Guayanavieja	7 19	61 49	220	984·4	1009·4	- 0·3	301·5	303·8	14th	294·1	291·8	4th	297·8	297·3	+ 0·1	75	
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·0	- 0·6	302·4	303·6	9th	297·1	295·2	5th	299·7	299·2	+ 0·2	84	-263
826	Paramaribo	5 49	55 9	3·7	..	1011·1	- 1·0	303·7	305·4	10th	295·1	293·6	1,3,4	299·4	299·6	+ 0·3	253	+35
826a	Cayenne	4 56	52 21	6	..	..	..	305·6	309·0	13th	296·0	295·0	17th	301·1	300·5	+ 1·4	283	- 9
										Sea Temp.								
831	10°-5°N. 30°-25°W.	††7 5	††27 4	§(87-133)	..	1012·2	+ 0·4	..	..	299·4|0·0	..	..	..	..	299·1	- 0·1	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	0	+31
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·1	1012·0	+ 1·1	303·4	305·2	12,14,17	296·2	293·0	21st,27th	299·8	299·2	- 0·6	59	+15
835	Assuantsi	5 18	1 15	101	..	..	..	303·8	306·3	25th	293·2	288·6	28th	298·5	..	- 0·1	80	+51
836	Accra	5 33	W. 0 12	16·0	1007·9	1009·6	- 0·8	303·9	306·3	28th	296·3	292·3	30th	300·1	299·6	0·0	120	
837	Lagos	6 27	E. 3 24	3·0	1009·8	1010·1	+ 0·1	304·2	305·5	22nd	296·8	293·6	29th	300·5	299·8	- 0·2	3	-36
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	303·7	304·7	..	294·4	292·4	..	299·1	298·5	..	22	
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	0	
841	Wau	7 42	28 3	440	..	..	..	..	..	..	..	..	..	..	..	..	0	
843	∮Malakal (Kodok)	9 35	31 37	394	964·3	1008·4	- 0·4	309·9	312·0	30th	290·5	287·5	10th	300·2	299·2	+ 0·6	0	-30
843a	∮Mongalla	5 11	31 47	448	957·9	1008·2	- 0·9	310·2	312·6	25th	292·1	289·5	11th	301·2	299·8	+ 0·2	0	-34
844	Entebbe	0 5	32 29	1171	883·2	1009·2	- 0·3	299·3	301·3	12th	290·2	287·4	24th	294·8	294·3	+ 0·2	86	-54
845	Sheikh	9 55	45 15	1463	..	..	..	291·3	295·9	6th	281·3	276·9	26th,28th	286·3	..	..	8	-74
851	Minicoy	8 17	72 49	2·1	1009·6	1009·8	- 2·8	302·9	304·1	11th	296·9	294·8	21st	299·9	299·5	..	139	+57
851a	Cochin	9 58	76 21	2·7	1011·8	1012·3	- 0·8	303·2	305·1	29th	296·7	295·0	14th	299·9	299·5	- 0·2	117	+61
852	∮Colombo Observatory	6 54	79 52	7·3	..	1010·1	- 0·1	302·7	304·4	10th	295·9	294·3	28th	299·3	298·9	+ 0·2	223	+115
853	∮Nuwara Eliya	6 56	80 46	1866	813·8	1012·2	- 0·6	292·8	295·2	2nd	283·4	277·1	21st	288·1	287·3	+ 0·7	106	+181
854	∮Trincomalee	8 35	81 15	30·2	..	1010·0	- 0·6	300·6	301·8	7th	296·9	295·4	6th	298·7	298·3	+ 0·2	228	
855	Kuta Raja	5 32	95 20	7·1	..	1010·6	+ 0·4	..	..	..	..	..	..	..	..	..	335	+211
856	Medan	3 35	98 41	25·0	..	1009·4	- 1·0	302·0	304·2	17th	295·7	292·2	5th	298·9	298·3	+ 0·2	216	+76
857	Penang	5 34	100 20	5·0	..	..	..	306·3	307·7	3rd	295·2	294·7	sev.dates	300·8	300·1	+ 0·7	234	+98
858	Singapore	1 18	103 51	10·9	1008·3	1009·5	- 0·5	303·4	305·0	19th	296·2	294·7	4th	299·8	299·3	+ 0·2	172	+38
859	Sandakan	5 50	118 7	31·7	..	..	..	302·9	305·2	18th	296·3	295·2	25th	299·6	299·8	- 0·2	872	+387
860	Iwahig	9 44	118 38	14·3	..	1008·5	+ 0·7	303·5	305·0	14th	295·0	290·5	2nd	299·3	299·3	+ 0·6	119	-337
861	Tagbilaran	9 38	123 51	21·3	..	1008·3	- 0·5	304·1	307·2	5th	295·9	292·3	2nd	300·0	299·0	+ 0·1	127	-318
861a	Menado	1 30	124 50	8·5	..	1008·0	- 0·4	302·3	304·4	18th	296·2	293·9	5th	299·3	298·8	- 0·2	489	+67
862	Surigao	9 48	125 29	6·0	..	1009·1	+ 0·1	301·6	303·6	2nd	296·8	294·4	1st	299·2	298·8	+ 0·1	714	+298
863	Koloniia, Yap	9 29	138 8	29·3	..	1008·7	+ 0·8	303·1	304·7	17th	298·2	296·9	18th	300·7	300·0	+ 0·1	56	..
864	Palau	7 20	134 29	31·8	1004·7	1008·3	..	302·7	304·2	14th,15th	297·2	295·8	12th	299·9	299·7	..	485	..
867	Ponape	6 58	158 13	38·9	1003·1	1007·5	..	302·0	303·9	24th	297·3	295·2	9th	299·7	299·4	..	696	..
		N.	E.															

DECEMBER – ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	S. 8 32	W. 172 31	2	..	1008·5	..	303·3	304·7	3rd,7th	299·4	296·3	16th	301·3	301·0	..	351	..
924	Manaos	3 8	60 1	43·8	..	..	..	303·9	307·0	9th	295·5	294·2	27th	299·7	299·4	..	187	-78
926	∮Taperinha	2 30	54 20	21·5	1007·2	1009·6	- 0·4	305·7	307·2	10th,11th	296·3	295·2	18th	301·0	300·2	+ 1·2	32	-44
927	Turyassu	1 43	45 28	9·1	1008·7	1009·9	- 0·3	306·0	308·0	4th	295·8	293·8	4th,12th	300·9	300·3	+ 0·3	56	-38
928	Barra do Corda	5 30	45 16	81·0	998·8	1008·2	- 0·8	305·3	308·3	29th	295·2	293·9	19th	300·2	299·3	+ 0·5	157	-33
929	∮Quixeramobim	5 16	39 15	207	987·8	1011·0	+ 0·4	306·0	307·1	29th	297·9	297·2	3,26,30	302·0	302·6	0·0	0	-33
930	Fernando Noronha	3 50	32 25	106	999·9	1011·8	- 0·1	301·0	301·7	27th	297·3	296·9	4th	299·2	298·9	0·0	1	
930a	5°-10°S. 35°-30°W.	††6 51	††31 6	§(29-30)	..	1011·2	..	..	..	Sea Temp. 298·3|-1·0	..	..	..	..	298·4	..	..	..
934	Ascension Island	7 55	W. 14 24	16·8	1011·9	1013·7	+ 0·3	300·9	302·4	9th,30th	295·2	293·0	3rd,6th	298·1	297·2	- 0·3	6	-35
939	Loanda	8 49	E. 13 13	51	..	1010·6	- 0·6	300·8	302·0	6th	296·3	294·5	28th	298·5	298·2	+ 0·3	1	-35
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	299·5	304·1	6th	287·9	286·3	27th	293·7	..	..	81	-9
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	..	..	..	..	..	..	..	..	..	47	-44
944a	Zanzibar	6 10	39 11	17·1	1010·5	1012·5	- 0·5	303·1	304·1	31st	299·2	297·3	11th	301·2	300·7	+ 0·1	70	+3
945	Lamu	2 16	40 50	3·0	..	..	..	301·9	303·0	9th	298·3	295·8	5,13,31	299·4	299·0	- 0·8	20	+80
947	Seychelles, Port Office	4 37	55 27	4·6	1010·8	1011·1	- 0·5	301·0	303·6	2nd	296·3	295·5	20th,25th	298·7	298·1	- 0·7	734	
957	Padang	0 56	100 22	6·7	..	1010·0	- 0·7	303·1	304·3	21st	296·5	295·4	28th	299·8	299·2	+ 0·2	379	+74
958	Batavia	6 11	106 50	8·0	1007·7	1008·5	- 0·9	302·7	305·8	26th	296·6	295·1	14th	299·6	299·1	+ 0·3	216	-89
958a	Pontianak	0 1	109 20	2·6	..	1008·2	- 1·6	303·6	305·2	7th	297·3	296·1	30th	300·5	299·6	+ 0·6	248	-58
959	Pasuruan	7 38	112 55	5·0	..	1008·3	- 0·5	304·1	305·5	16th	297·0	295·9	7th	300·5	300·0	+ 0·1	124	-168
960	Kajoemas	7 56	114 9	1080	..	..	..	..	..	..	..	..	..	..	..	..	341	..
962	Amboina	3 42	128 10	4·2	..	1007·0	- 1·3	303·9	305·2	23rd	298·4	297·2	4th	301·1	300·7	+ 0·8	85	-181
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	249	+67
965	Daru	9 4	143 13	7·8	..	1006·9	- 2·0	304·9	..	..	..	..	..	..	..	..	212	+67
966	Port Moresby	9 29	147 9	38·4	..	1008·5	0·0	305·8	..	..	296·3	..	..	300·7	300·2	0·0	152	-101
967	Rabaul	4 9	152 12	12·5	1005·4	1006·9	- 0·7	306·6	308·4	24th	296·3	294·9	3rd	301·4	300·7	+ 0·7	144	-237
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?305·0	?306·3	16th	?296·0	?296·3	6th,8th	?301·5	?301·3	+ 0·4	109	-247
970	Ocean Island	0 52	169 33	42·6	1003·1	1008·0	- 1·0	306·1	308·6	26,27,28	299·3	298·6	sev.dates	302·7	302·0	+ 1·7	77	
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111 and 112.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see pages 111 and 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

DECEMBER – ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1006	Apia, Samoa	13 48	171 46	2·0	..	1008·5	+ 0·4	303·3	304·5	15th	296·9	295·3	3rd,4th	300·1	300·1	+ 0·6	271	-82
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1010·9	+ 0·8	303·4	305·2	23rd	294·1	290·2	3rd	298·8	298·6	- 0·4	131	-104
1001	Lima	12 5	77 3	111	998·0	1011·0	..	298·9	303·4	24th	289·7	287·4	14th,15th	294·3	292·7	..	1	..
1002	Tacna	18 0	70 18	560	..	..	..	302·4	304·0	27th	288·1	286·0	sev.dates	295·3	292·2	- 0·5	0	- 1
1005	Corumba	18 59	57 39	116	994·0	1007·0	- 0·5	305·5	310·0	18th	294·7	289·8	15th	300·1	299·3	- 0·6	87	-81
1007	Cuyaba	15 36	56 6	165	989·0	1007·6	- 0·7	304·6	308·6	18th	295·1	291·5	15th	299·8	298·5	- 0·6	324	+119
1008	Bello Horizonte	19 55	43 57	895	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1009	Caetite	14 3	42 37	897	914·6	1013·0	+ 0·6	299·2	303·3	29th	290·5	287·9	1st	294·8	294·5	- 1·2	236	+72
1010	Ondina (Bahia)	13 0	38 31	46·5	1006·4	1011·8	- 0·1	301·8	304·9	12th	295·3	292·5	1st	298·6	298·4	- 0·2	170	+51
1011	Aracaju	10 55	37 3	6·1	1013·2	1014·0	+ 0·9	301·9	305·2	11th	296·2	293·6	29th	299·0	298·7	..	77	..
1012a	15°-20°S. 40°-35°W.	††17 29	††38 3	§(40)	..	1012·7	..	..	..	Sea Temp. 298·2|-0·5	..	..	..	..	298·5	..	..	..
1012b	10°-15°S. 40°-35°W.	††12 46	††36 6	§(34)	..	1013·1	..	..	..	299·0|-0·4	..	..	..	..	299·4	..	..	..
1035	St. Helena	15 57	W. 5 40	579	946·8	1013·9	0·0	290·1	291·3	sev.dates	286·4	285·2	2nd	288·3	288·3	- 1·2	47	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	903·4	1007·5	..	305·2	309·5	20th	293·3	289·1	14th	299·3	..	..	271	..
1041a	Elisabethville	11 39	27 28	1236	876·5	1008·8	+ 0·2	300·4	303·3	..	289·9	288·6	..	295·1	..	+ 0·2	271	+15
1043	Gwelo	19 26	30 2	1411	..	..	..	300·9	306·9	22nd,24th	288·6	285·8	12,16,20	294·7	..	0·0	247	+96
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	851·9	1009·7	- 0·3	298·7	303·2	22nd	288·8	284·6	19th	293·8	293·3	0·0	133	-22
1044	Zomba	15 23	35 18	955	905·4	1009·3	- 0·1	301·1	304·7	1st	291·6	288·6	19th	296·3	295·7	+ 0·5	226	-50
1045	Mossuril	14 57	40 40	15	..	1010·4	..	306·2	309·4	30th	296·9	294·4	17th	301·5	301·0	..	108	..
1046	Antananarivo	18 55	47 33	1375	863·4	1010·4	- 0·4	299·5	302·4	1st	288·2	286·5	9th	293·9	292·9	+ 0·1	491	+200
1055	Cocos, Keeling Is.	12 5	96 53	4·8	1010·4	1011·1	- 1·5	302·0	304·3	16th	297·8	294·1	13th	299·9	299·5	- 0·2	227	+111
1057	Christmas Island	10 25	105 43	5·5	1006·8	1007·3	- 0·4	302·7	305·8	1st	297·8	296·3	5th,6th	300·2	299·9	0·0	287	+81
1061	Kupang	10 10	123 34	45·1	..	1008·4	- 0·2	304·6	307·1	4th	297·1	295·7	1st	300·9	300·1	0·0	315	+69
1061a	Derby	17 18	123 40	18·2	1005·3	1007·1	- 0·4	309·3	314·1	11th	300·1	296·9	5th,30th	304·7	..	+ 0·9	53	-60
1062	Hall's Creek	18 13	127 48	373	965·0	1005·5	- 1·5	310·9	313·9	11th	298·7	295·2	6th	304·8	304·2	+ 1·2	121	+31
1064	Darwin	12 28	130 51	29·6	1003·0	1006·3	- 0·4	308·7	308·9	6th	299·2	294·3	30th	302·9	301·7	+ 0·4	152	-101
1065	Daly Waters	16 16	133 23	211	981·7	1004·9	- 1·0	312·7	317·4	11th	298·3	295·2	18th	305·6	305·0	+ 1·5	93	-14
1066	Wein	13 15	142 50	122	992·0	1005·9	- 0·4	307·1	309·1	18th	295·4	291·4	4th	301·2	..	0·0	123	-71
1066a	∮Georgetown, Queensland	18 22	143 32	302	973·6	1007·4	- 0·6	309·0	311·3	3,5,9	295·7	292·4	2,4,8	302·3	..	+ 0·4	139	- 6
1067	Willis Island	16 18	149 59	8·5	1006·1	1007·2	..	303·0	305·2	18th	298·4	296·2	28th	300·7	300·8	..	61	..
1071	Samarai	10 37	150 40	6·1	..	1007·7	- 0·9	..	..	..	..	..	..	297·7	..	..	..	..
1072	Suva, Fiji	18 8	178 26	6·1	1008·3	1009·0	+ 0·5	303·3	305·8	28th	296·7	294·7	2nd,3rd	300·0	299·8	+ 0·9	442	+124
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

DECEMBER – ZONE 11 (AMERICA, AFRICA).

1206	Rarotonga (Avarua)	S. 21 12	W. 159 47	6	..	..	..	302·8	304·4	17th	294·9	290·8	1st	298·7	298·5	+ 0·8	66	-141
1221	Punta Tortuga, Coquimbo	29 56	71 21	27	1012·6	1015·8	+ 0·9	293·4	295·6	8th	287·0	284·8	13th	290·2	289·9	+ 1·1	0	0
1222	Iquique	20 12	70 11	6	1013·6	1014·3	0·0	296·9	300·1	23rd	..	..	..	..	292·4	- 0·3	0	0
1224	Catamarca	28 27	65 47	510	949·4	1005·9	- 0·1	305·2	312·8	30th	291·4	281·6	14th	298·3	297·4	- 1·7	71	+ 7
1226	Salta	24 46	65 28	1182	879·9	1008·7	+ 0·4	301·2	306·9	23rd	288·2	280·8	14th	294·7	294·5	- 0·4	156	+17
1228	Goya	29 9	59 15	37	1005·7	1009·9	+ 0·9	306·1	312·4	20th	292·1	284·2	14th	299·1	298·8	+ 1·0	170	+48
1229	Asuncion	25 17	57 41	93	999·0	1009·5	+ 0·7	306·7	312·2	21st	295·1	287·9	15th	300·9	300·1	+ 0·5	43	-112
1235	Curityba	25 25	49 17	908	910·6	1011·0	- 1·3	298·4	304·1	31st	289·1	283·0	16th	293·8	292·7	+ 0·3	148	+ 6
1236a	Rio de Janeiro	22 54	43 10	18·3	1008·3	1010·6	- 0·9	300·5	307·6	28th	294·0	291·6	16th	297·2	296·9	- 0·7	98	-41
1236b	25°-30°S. 50°-45°W.	††27 42	††47 38	§(36)	..	1014·3	..	..	..	Sea Temp. 295·0|-1·1	..	..	..	..	296·8	..	..	..
1240	Windhoek	W. 22 34	E. 17 6	1727	828·6	1005·6	..	304·7	308·9	20th	290·3	287·2	2nd	297·5	297·0	+ 1·0	11	-35
1241	O'Okiep	29 36	17 52	933	909·0	1011·4	- 0·5	301·8	309·4	18th	286·4	278·9	13th	294·1	293·9	- 0·1	0	- 4
1241a	Kimberley	28 44	24 46	1218	‡ 882·4	‡1009·9	+ 1·0	306·6	312·4	18th	290·8	288·8	5th	298·7	298·5	+ 1·8	29	-25
1242	Johannesburg	26 11	28 4	1806	822·4	1010·4	- 0·3	299·1	304·6	17th	286·8	282·5	12th	293·0	292·6	+ 1·4	98	-40
1242a	Bulawayo	20 9	28 36	1349	866·6	1010·0	- 0·7	301·1	308·2	22nd	289·9	286·8	13th,14th	295·5	295·0	+ 0·4	197	+67
1244	Durban	29 52	31 3	15·2	1011·6	1013·4	- 2·1	300·2	303·8	18th	293·4	290·2	25th	296·8	296·4	+ 0·6	134	+ 4
1247	Lourenco Marques	25 58	32 36	59·0	..	1012·2	- 1·1	302·0	308·2	16th	294·4	291·6	13th	298·2	297·7	+ 0·1	210	+109
	Mauritius	20 6	57 33	55·2	1007·7	1014·1	+ 0·1	301·2	303·5	3rd	294·3	292·7	15th	297·7	297·5	- 0·9	72	-48
		S.	E.															

*For formulae employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. § Number of observations. ∮Change of normals, see page 113.

RÉSEAU MONDIAL

DECEMBER – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	§Onslow	21 43	114 57	4·3	1004·7	1005·2	- 1·9	306·4	312·0	11th	293·8	289·2	1st	300·1	..	- 1·4	6	+ 2
1160	§Cue	27 27	117 52	454	957·7	1007·3	- 0·7	309·1	316·8	28th	293·6	286·0	18th	301·3	..	- 0·3	3	- 9
1161	§Nullagine	21 53	120 5	386	..	..	..	312·1	315·1	4th	295·6	291·3	28th	303·8	..	- 0·5	170	+127
1162	§Laverton	28 40	122 23	466	956·1	1007·0	- 2·6	309·6	316·9	31st	293·1	287·4	14th	301·4	*301·2*	+ 1·1	12	- 9
1163	§Alice Springs	23 38	133 37	587	941·9	1005·4	- 1·5	310·2	316·6	22nd	296·2	289·1	9th	303·2	*303·2*	+ 2·3	0	- 39
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	§Boulia	22 55	139 38	146	988·2	1004·5	- 1·4	312·1	317·4	22nd	297·6	293·1	9th	304·8	*304·8*	+ 1·0	25	- 26
1165	§Thargomindah	27 58	143 43	123	993·0	1006·8	- 0·8	308·9	318·6	22nd	295·3	289·2	18th	302·1	*301·7*	+ 0·7	17	- 5
1166	Mitchell	26 32	147 52	336	970·2	1007·5	- 0·6	306·9	312·6	22nd	292·4	286·6	8th	299·7	..	+ 0·8	69	-
1167	§Rockhampton	23 24	150 30	11·3	1008·1	1009·6	- 0·7	304·1	309·2	24th	294·1	289·3	3rd	299·1	..	- 0·9	111	- 10
1168	§Brisbane	27 28	153 2	41·8	1007·3	1011·7	- 0·4	301·8	306·4	23rd	292·7	289·7	14th	297·2	*296·7*	- 0·4	65	- 3
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1012·2	1014·1	0·0	297·1	301·9	27th	291·9	289·1	1st	294·5	*294·1*	+ 0·2	84	

DECEMBER – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 50 W.	345	979·9	1020·8	..	289·8	293·6	2nd	283·5	281·5	13th,14th	286·7	*286·4*	..	41	
1221a	Punta Tumbes	36 37	73 6	120	1001·6	1016·0	+ 0·5	290·3	293·7	22nd	283·7	282·0	31st	287·0	*286·8*	- 0·3	19	
1222	§Punta Angeles, Valparaiso	33 1	71 38	41	1011·1	1016·0	+ 1·4	294·8	299·8	8th	285·3	282·6	26th	290·1	*289·7*	- 0·2	1	
1222a	§Santiago	32 27	70 42	520	954·3	1013·7	+ 0·8	300·8	305·5	14th	283·5	279·6	1st	292·1	*291·4*	- 0·1	0	
1223	Cordoba	31 25	64 12	423	961·9	1009·8	+ 0·7	303·9	312·8	29th	287·6	281·2	14th	295·7	295·6	+ 0·2	74	
1224	Bahia Blanca	38 45	62 15	25	1007·2	1010·1	- 0·2	304·6	313·5	28th	287·7	281·2	24th	296·2	*295·0*	+ 0·3	18	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·7	1011·8	+ 0·5	301·3	306·7	27th	289·4	279·6	13th	295·4	295·6	+ 1·0	64	
1226	Montewideo (Obs. Central)	34 55	56 13	24·3	..	1011·7	+ 0·8	..	304·0	22nd,29th	..	286·3	15th	..	*293·9*	- 0·5	37	
1226a	Porto Alegre	30 2	51 13	23·5	1007·8	1010·3	- 1·3	302·4	308·2	30th	292·2	286·7	15th	297·3	296·7	+ 0·6	77	
1226b	30°-35°S. 55°-50°W.	††32 58	††51 49	§(28)	..	1014·3	..	..	..	Sea Temp. 292·1	-1·1	..	..	..	..	293·0	..	..
1239	Cape Town	33 56	W. E. 18 29	12·2	1013·4	1014·8	+ 0·8	298·1	309·7	2nd	288·0	283·0	5th	293·1	*291·8*	+ 0·2	24	
1240	Danger Point	34 37	19 18	27·7	1011·5	1014·8	+ 0·6	295·2	306·3	2nd	287·9	284·1	25th	291·5	..	+ 0·3	19	
1241	Riversdals	34 6	21 16	61·0	..	..	..	301·1	312·7	1st	287·4	283·0	7th	294·2	..	+ 0·5	73	
1242	East London	33 2	27 55	44·8	1008·7	1013·9	+ 0·4	297·1	300·8	16th	290·7	287·9	31st	293·9	..	+ 0·6	81	
1259	§Perth (Observatory)	31 57	115 51	60·0	1004·2	1011·1	- 2·3	300·3	311·1	30th	289·3	284·8	17th	294·8	*294·5*	+ 0·2	28	
1260	§Katanning	33 42	117 35	310	975·5	1010·7	- 2·5	302·8	312·8	30th	285·8	279·1	18th	294·2	..	+ 0·9	4	
1261	§Coolgardie	30 57	121 10	423	962·3	1009·3	- 1·7	305·4	314·4	10th,11th	288·6	284·1	18th	297·0	*296·8*	- 0·1	18	
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	
1263	§Streaky Bay	32 48	134 13	13·1	1011·3	1012·7	- 0·9	301·8	312·2	26th	288·4	280·9	7th	295·1	*294·3*	+ 0·8	4	
1264	§Adelaide	34 56	138 35	42·7	1007·6	1012·8	- 0·5	302·3	313·8	21st	288·6	282·5	8th	295·4	*294·9*	+ 0·7	6	
1265	§Melbourne	37 49	144 58	35·1	1008·1	1012·4	- 0·3	298·1	310·2	13th	286·3	281·1	1st	292·2	*291·9*	+ 0·9	20	
1266	§Bourke	30 13	145 58	110	998·5	1011·0	- 0·4	309·6	316·3	22nd	293·7	288·6	7th,8th	301·7	..	+ 0·8	5	
1267	§Sydney	33 51	151 13	42·1	1007·0	1011·9	+ 0·1	296·8	302·2	20th	290·6	288·2	16th	293·7	*293·6*	- 0·4	24	
1268	Lord Howe Island	31 20	159 0	4·9	1013·1	1013·7	- 0·5	296·4	299·7	31st	290·4	285·8	13th	293·4	..	- 0·8	82	
1271	Auckland	36 50	174 50	13·4	..	1013·0	- 0·9	294·3	297·0	30th	287·2	283·7	17th	290·8	..	+ 0·1	152	
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	293·8	298·8	4th	287·1	282·4	17th	290·4	..	- 0·3	122	

DECEMBER – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57 S.	176 31 W.	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	
1321	Isla Guafo	43 34	74 45	140	1001·1	1018·1	+ 3·0	284·7	286·9	18th	280·1	277·0	5th	282·4	*282·8*	- 1·3	60	
1322	Punta Galera	40 1	73 44	40	1013·5	1018·3	+ 1·6	288·0	289·8	3rd	283·3	282·1	26th	285·7	*285·7*	- 0·2	166	
1323	Sarmiento	45 34	69 0	272	976·4	1008·6	+ 1·3	294·2	303·3	13th	282·1	274·0	25th	288·2	287·4	- 1·9	8	
1324	Puerto Madryn	42 49	W. 64 58	14	1006·9	1009·0	+ 0·3	298·2	306·0	15th	282·6	278·0	6th	290·4	291·0	- 0·4	1	
1365	§Launceston	41 27	E.147 10	10·1	1008·4	1009·6	+ 0·5	295·0	299·6	10th	284·0	278·7	7th,8th	289·5	*288·7*	- 0·1	25	
1366	§Hobart	42 53	147 20	53·9	1003·5	1009·9	+ 0·5	293·2	301·2	14th	283·9	280·2	8th	288·6	*287·8*	- 0·1	51	
1370	Invercargill	46 25	168 21	3·7	..	..	..	290·6	300·2	23rd	281·5	275·8	27th	286·1	..	+ 0·3	87	
1371	Dunedin	45 52	170 31	6·1	..	1012·6	+ 3·8	291·3	300·8	19th	282·3	279·1	2nd	286·8	..	+ 0·4	99	
1371a	Christchurch	43 31	172 39	7·6	..	1011·8	+ 2·5	291·1	298·3	25th	283·8	276·9	21st	287·4	..	- 1·2	152	
1372	Wellington	41 16 S.	174 46 E.	128	..	1012·5	+ 0·8	290·7	295·4	24th	284·3	280·3	17th	287·5	286·9	- 1·2	208	

DECEMBER – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	996·0	1002·7	+ 1·0	281·5	283·4	2nd	277·6	275·0	9th,10th	279·5	*280·1*	- 0·4	241	
1422	Magallanes (Punta Arenas)	53 10	70 54	28	996·7	1000·1	+ 0·8	286·2	290·5	13th	278·5	276·5	21st	282·3	*281·9*	- 1·3	16	
1423	Punta Dungeness	52 24	68 26	5	998·4	999·0	- 1·0	285·7	289·5	14th	279·3	277·8	1st	282·5	*282·1*	- 1·4	22	
1424	Santa Cruz	50 1	68 31	12	1001·2	1002·6	+ 0·9	291·3	299·4	9th	280·2	275·6	1st	285·8	285·4	- 1·2	18	
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	995·9	- 3·9	284·5	289·1	1st,11th	276·3	273·0	27th	280·4	..	- 1·0	95	
1426	Cape Pembroke	51 41	57 42	21·3	994·3	996·9	- 2·7	283·3	289·1	7th	276·8	274·7	21st	280·1	280·3	- 0·9	55	
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	990·8	991·3	- 3·2	278·6	287·3	5th	272·8	268·1	3rd	275·7	*275·4*	- 1·3		

DECEMBER – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	7	992·4	993·2	- 0·3	273·3	276·6	14th	269·8	265·5	5th,10th	271·6	271·5	- 0·8	25	
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. §Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, YEAR 1928

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1928 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

BETWEEN LATITUDE 80° N. AND 70° N.

YEAR – ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
2001	Wrangell Island	70 50	178 3	? 2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2002	Barrow	71 23	156 17	4·6	..	..	..	286·4	294·1	July 27,28	258·0	228·0	Mar.19	262·2	..	+ 1·6	68	-52
2003	Uperalvik	72 47	56 7	19·2	1004·8	1007·2	- 3·2	..	..	..	265·7	243·0	Feb.22	..	*268·5*	+ 4·1	285	+56
2021	Wrgbukta	73 30	21 30	3·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2022	Scoresbysund	70 29	21 58	16·9	1008·7	1010·8	..	271·7	290·2	July 20	254·0	240·9	Feb.11,12	267·9	*267·7*	..	..	..
2023	Jan Mayen	70 59	W. 8 18	23·1	1005·0	1007·9	- 0·2	..	284·6	July 27	270·9	254·3	Feb.11	..	*272·9*	0·0	312	..
2201	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1007·8	1009·2	- 0·7	..	286·0	July 22	262·7	235·0	Dec.27	..	286·1	+ 0·8	519	+219
2241	Björnöen	74 28	19 17	40·5	1002·5	1007·8	- 0·3	..	287·0	Aug.14	268·2	247·8	Dec.30	..	*270·6*	- 0·3	489	+112
2242	Ingvy	71 4	24 6	4·3	‡1005·9	1006·9	- 0·8	..	294·3	Aug.14	273·8	260·4	Dec.30	..	*275·9*	+ 0·1	577	-15
2243	Sletnes	71 5	28 14	10·2	1006·8	1008·1	+ 0·2	..	294·6	Aug.15	272·3	258·0	Feb.18	..	*276·8*	..	552	..
2401	Vardö	70 22	31 8	11·8	1007·1	1008·6	- 0·3	..	292·6	Aug.15	272·1	257·8	Jan.21	..	*276·4*	+ 0·7	389	-251
2421	Malye Karmakouly	72 23	52 43	15·3	1007·9	1009·8	- 0·3	271·1	294·9	Aug. 9	265·0	243·9	Feb.18	268·0	*269·1*	+ 1·3	..	..
2441	Waigatz	70 24	58 47	11·2	1009·2	1010·6	+ 0·8	..	..	..	263·1	240·3	Mar. 9	..	*266·4*	+ 0·1	..	..
2461	Dickson	73 31	80 23	13·0	1009·0	1010·7	- 0·1	..	..	..	259·3	234·4	Dec.29	..	*262·5*	+ 1·4	137	-27
2462	Souloune	70 45 N.	127 47 E.	? 35	..	..	..	..	..	..	..	..	..	..	..	..	..	..

BETWEEN LATITUDE 70° N. AND 60° N.

YEAR – ZONE 2.

2201	Preobrajenye	N.	W.	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2202	Rome	64 52	175 42	6·7	1005·7	1006·4	- 2·8	273·6	299·1	June 9	255·4	237·4	Mar.22	269·5	..	..	..	..
2203	Bethel	64 30	165 24	11·6	..	1001·7	..	275·6	300·8	June 8	257·4	238·9	Jan.10	271·5	..	+ 0·2	379	-71
2204	Tanana	60 45	161 47	69·5	1001·2	1009·5	- 1·9	274·8	301·3	June 9,10	254·4	230·2	Dec.12,13	269·3	*269·7*	+ 1·7	582	..
2205	Rampart	65 30	150 15	114	..	..	..	273·7	303·6	Aug.24	253·3	231·3	Dec.12	268·5	..	+ 0·8	354	+29
2207	Valdaz	61 7	146 16	122	..	..	..	..	296·3	June 9	..	..	..	..	..	..	239	-15
2208	Eagle	64 48	141 12	248	979·2	1010·5	- 1·7	275·5	299·7	June 9	254·8	230·2	Mar.7	270·2	*270·5*	+ 1·8	289	+18
2221	Dawson	64 4	139 29	324	971·8	1012·3	- 1·3	274·4	301·9	Jun.20,Jly.13	263·2	232·4	Mar.10,11,Dec.31	268·8	*268·9*	+ 1·0	354	+39
2222	Mayo Landing	63 35	135 51	579	..	..	..	..	303·0	Aug.24	..	229·1	Mar.8	..	..	..	217	..
2223	§Fort Good Hope	66 25	128 53	65·2	1007·8	1016·2	- 2·4	272·4	304·1	Jun.20,Jly.3	260·5	229·7	Feb.21	266·5	..	+ 2·0	222	- 3
2224	Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2241	Hay River	60 51	115 20	161	992·6	1013·0	- 1·3	275·7	306·3	July 29	263·8	228·6	Jan.14	269·8	..	+ 1·4	224	-63
2261	Jacobshavn	69 13	51 2	31·6	999·4	1003·4	- 5·4	274·1	292·1	Aug.20	258·3	244·5	Feb.12	271·2	*271·4*	+ 4·1	..	..
2262	Godthaab	64 10	51 43	20	..	..	..	276·8	292·4	June 6	270·5	253·8	Feb.13	273·7	*273·4*	+ 2·4	476	-127
2263	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2281	Angmagsalik	65 37	37 33	29·3	1001·9	1005·6	- 1·5	277·2	293·0	July 18	270·2	253·5	Mar.20	273·7	*273·7*	+ 2·3	..	..
2282	Stykkisholm	65 5	22 46	25	..	1004·2	- 2·0	281·1	293·4	Aug.17	275·0	261·9	Dec.6	278·1	*277·5*	+ 1·7	630	-22
2283	Vestmanno	63 24	20 17	132	..	1003·5	- 1·9	..	..	..	276·8	263·4	Dec.6	..	*278·8*	+ 1·3	1304	-61
2284	Grimsey	66 33	18 1	22·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2285	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2286	Teigarhorn	64 41	14 22	18·0	..	1005·2	- 1·7	281·7	294·3	July 22	275·0	252·6	Feb.12	278·3	*277·9*	+ 1·8	1352	+186
2287	§Fjvig	62 3	6 45	22·9	1004·0	1006·8	- 1·7	281·6	288·9	Aug.4	277·3	269·6	Dec.7	279·5	*279·8*	+ 0·3	1270	-191
2288	Lerwick	60 8	W. 1 11	18·0	..	1006·9	- 2·4	282·5	290·2	Sept.8	279·0	271·9	Apr.17	280·7	*280·8*	+ 0·6	1179	+215
2301	Bergen (Met.Obs.)	60 24	E. 5 19	44·4	1004·2	1009·6	- 1·1	283·1	295·0	May 1	277·6	257·2	Mar.11	280·3	*280·1*	0·0	1980	+249
2302	Aalesund	62 28	6 10	6·3	1007·9	1008·7	- 1·4	..	291·6	Sept.9	277·6	267·6	Jan.19	..	*279·9*	0·0	1201	-49
2303	Trondhjem	63 26	10 25	59·2	1001·8	1009·1	- 1·2	280·8	296·8	Aug.21	274·2	257·6	Jan.17	277·5	*277·7*	0·0	746	-44
2304	Bodö	67 17	14 24	17·0	‡1005·8	1008·5	- 0·3	..	296·8	Aug.20	274·8	262·3	Jan.17	..	*277·4*	+ 0·3	985	+79
2305	Haparanda	65 50	24 9	9·2	1009·0	1010·2	- 0·6	277·8	299·5	Aug.20	270·0	246·0	Feb.12	273·9	*274·0*	+ 0·6	650	+163
2306	Helsingfors	60 10	24 57	11·7	1010·0	1011·4	- 1·3	280·5	296·5	July 14	274·8	254·0	Jan.18	277·7	*277·6*	+ 0·4	784	+165
2324	Kuopio	62 55	27 40	233	982·8	1011·6	- 0·4	278·1	297·0	Aug.18	271·9	248·2	Jan.20	275·0	*274·9*	- 0·5	705	+106
2341	Kola	68 53	33 1	6·7	1008·8	1009·6	- 0·4	276·5	300·5	Aug.15	269·0	243·3	Feb.18	272·8	*273·2*	+ 0·9	391	+86
2342	Petrozavodsk	61 47	34 23	79·0	1002·3	1012·2	- 1·4	279·1	298·4	July 14	272·0	248·0	Jan.21	275·5	*275·6*	+ 0·4	597	+42
2343	Arkhangelsk	64 34	40 31	6·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2361	Mezen	65 50	44 16	14·9	1009·2	1011·1	0·0	278·1	300·2	Aug.13	268·1	242·2	Feb.1	272·1	*272·2*	+ 0·6	460	+133
2362	Oust-Tsylma	65 25	52 18	68	1002·8	1011·4	- 0·7	274·9	300·5	Aug.12	267·0	237·4	Jan.3	271·0	*270·9*	+ 0·1	394	-28
2363	Toberdyn	60 24	56 31	?177	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2381	Berezov	63 56	65 4	39·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2382	Obdorsk	66 31	66 35	35·2	1010·6	1015·2	+ 1·2	270·6	300·0	Aug.12	262·9	230·4	Jan.23	266·8	*266·8*	+ 0·9	259	-15
2383	New Port	67 42	72 57	3·3	..	..	..	268·6	298·1	Aug.12	261·0	233·9	Jan.22	264·8	*264·9*	..	174	..
2384	Sourgout	61 15	73 24	48	1009·2	1015·3	+ 0·9	..	..	..	..	..	..	..	*270·0*	+ 0·6	556	+125
2385	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2386	Touroukhansk	65 47	87 57	45·0	1008·7	1014·5	0·0	..	..	..	..	..	..	..	*266·6*	+ 1·6	..	..
2401	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2402	Jakoutsk	62 1	129 43	108	1002·6	1016·7	+ 0·7	..	..	..	..	..	..	..	*263·3*	+ 0·6	114	-121
2403	Verkholansk	67 33	133 24	100	995·4	1008·6	- 4·7	..	..	..	..	..	..	..	*258·0*	+ 0·6	165	+40
2404	Petropavlovskoe	60 25	134 28	?163	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2405	Nalakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2406	Novo Mariinskii Post	64 45	177 33	22·7	1008·6	1011·5	- 2·5	..	..	..	..	..	..	..	*264·6*	- 0·8	195	+ 8
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105. §Change of normals, see page 106.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	28·0	..	1005·4	- 1·3	275·5	283·6	Aug.2,28,31,Sept.1	271·7	254·1	Mar.27	273·6	..	- 0·5	586	-187
303	Dutch Harbor (Radio)	53 55	166 30	4·0	..	..	..	280·5	293·0	Sept.10,11	273·8	260·8	Jan.18	277·1	..	- 0·3	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	290·2	June 25	..	..	..	..	..	..	..	..
305	Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	755	+62
306	Kodiak (Radio)	57 47	152 22	4·6	1001·4	1002·0	- 3·7	281·5	295·2	Aug.16	270·6	254·7	Dec.29	..	..	..	..	..
309	Sitka	57 3	135 19	19·8	..	..	..	284·0	298·6	June 9	275·6	262·4	Jan.1,Mar.7	279·8	..	+ 0·2	2558	+403
310	Prince Rupert	54 18	130 18	51·8	1008·3	1014·6	+ 1·2	284·9	297·4	Jun.9,10,Sept.22	277·8	264·1	Jan.1	281·3	*281·5*	+ 1·1	2066	+17
311	Barkerville	53 2	121 35	1274	867·6	1014·0	+ 0·2	280·8	299·7	July 26,27	270·5	241·9	Jan.1	275·6	*275·5*	+ 0·7	955	-78
312	♯Kamloops	50 41	120 29	385	972·5	1018·7	- 0·7	287·1	310·9	July 26	277·0	247·4	Jan.1	282·1	*282·2*	+ 0·7	183	
313	Calgary	51 2	114 2	1058	893·6	1016·4	+ 2·0	285·4	305·2	May,Jly.,Aug.	271·1	238·6	Jan.1	278·2	*277·6*	+ 1·6	423	+15
314	Fort Chipewyan	58 42	111 10	218	..	..	..	277·6	306·9	July 23	268·1	239·1	Jan.14	272·9	*273·4*	+ 3·2	195	-135
315	Prince Albert	53 10	105 38	437	961·9	1015·3	- 0·8	281·6	308·0	May 22	269·3	232·4	Jan.1	275·5	*275·2*	+ 2·2	193	-151
316	Qu'Appelle	50 30	103 47	651	938·5	1016·8	+ 0·3	281·9	305·2	May 22	270·1	235·2	Jan.1	276·0	*275·5*	+ 1·6	307	-37
317	Minnedosa	50 15	99 50	515	953·0	1015·7	- 0·5	281·0	307·4	May 23	269·4	238·3	Jan.15	275·2	*274·6*	+ 1·0	396	+52
318	Berens River	52 18	97 23	216	..	..	..	..	302·4	July 24	264·0	233·0	Feb.24	..	..	..	317	-27
318a	Port Nelson	57 0	92 51	14·9	1011·1	1013·0	- 2·0	272·0	302·4	July 14	262·9	232·4	Jan.14	267·5	..	+ 0·8	273	
319	Pagwa	50 3	85 18	189	..	..	..	..	304·7	Jly.16, Aug.17	266·8	232·4	Jan.14	..	..	..	483	-55
320	Moose Factory	51 14	80 30	9·1	..	..	..	..	..	..	..	234·1	Jan.28	..	..	..	..	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	♯Natashquan	50 8	61 48	6·1	..	..	..	..	299·1	July 25	..	..	..	..	..	..	..	..
326	Belle Isle	51 53	55 23	130	992·1	1008·7	- 1·3	275·2	291·3	July 24	269·7	244·1	Feb.22	272·4	*272·5*	+ 0·5	..	..
333a	52°-57°N. 20°-15°W.	††59 14	††17 30	‡	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1010·4	1012·1	- 1·6	286·1	294·9	July 21	261·3	269·0	Mar.13	283·7	283·8	+ 0·3	1783	+361
335	Aberdeen	57 10	W. 2 6	26·0	..	1009·7	- 1·6	283·5	296·0	July 11	278·4	270·4	Feb.23,Nov.9	280·9	280·9	+ 0·1	816	+40
336	Greenwich	51 28	0 0	46·3	..	1014·2	- 0·9	288·3	306·3	July 22	278·9	268·6	Dec.2,15	283·6	283·3	+ 0·6	643	
337	Uccle	50 48	E. 4 22	100	1002·7	1014·9	- 0·8	288·3	307·6	July 15	278·8	266·3	Dec.14	283·5	282·8	+ 0·8	883	+85
338	De Bilt	52 6	5 11	3·0	1013·8	1014·2	- 0·9	286·8	305·4	July 16	278·2	264·4	Jan.1	282·5	282·3	+ 0·2	815	+17
338a	Hamburg	53 33	9 58	40·3	1009·8	1014·7	0·0	285·6	306·5	July 15	278·3	264·3	Jan.3	281·9	*281·6*	+ 0·2	869	+65
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1012·7	1013·3	- 0·4	283·7	301·3	July 13	277·8	265·5	Jan.4	280·7	280·9	+ 1·0	658	+54
340	Potsdam	52 23	13 4	84·8	1004·8	1015·2	- 0·1	286·1	308·1	July 13	277·6	261·8	Dec.21	281·9	281·5	+ 0·2	563	+13
340a	Uppsala	59 51	17 38	24	1008·2	1011·1	- 1·0	281·6	300·3	July 15	273·7	252·1	Mar.9	277·7	277·7	- 0·2	513	-39
341	Warsaw	52 13	21 3	89·9	1005·1	1016·1	- 0·4	284·9	308·4	July 16	276·7	255·1	Dec.18	280·8	*280·8*	..	539	+76
342	Tartu (Ülikooli)	58 23	26 43	80·8	1002·6	1012·6	- 0·9	281·1	298·0	July 14	274·8	246·2	Jan.20	278·0	277·9	+ 0·4	678	+196
343	Leningrad	59 56	30 16	8·6	1011·2	1012·3	- 1·0	280·4	298·2	Aug.17,18	274·5	252·0	Jan.21	277·4	*277·4*	+ 0·4	688	+196
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	995·2	1015·9	- 0·2	280·4	300·5	Aug.17	272·4	241·6	Feb.6	276·4	*276·4*	- 0·2	546	+87
345	Saratov	51 32	46 2	127	1003·0	1018·9	+ 1·3	280·9	307·8	July 10	272·4	242·4	Jan.2	276·6	*276·5*	- 0·6	..	..
346	Kazan	55 47	49 8	79·9	1007·3	1017·3	+ 0·1	280·2	303·4	July 11	272·4	242·4	Feb.25	276·3	*276·0*	- 0·3	459	+138
347	Orenburg	51 45	55 6	109	1006·0	1019·6	- 0·1	280·7	305·9	July 21	271·3	234·4	Jan.5	276·0	*275·9*	- 0·6	513	+96
348	Perm	58 1	56 16	163	996·0	1016·4	- 0·1	..	..	..	..	..	..	..	*274·3*	+ 0·1	542	+158
349	Sverdlovsk	56 50	60 38	281	981·5	1016·4	+ 0·2	..	..	..	..	..	..	..	*273·9*	+ 0·1	547	+197
350	Tobolsk	58 12	68 14	108	1003·6	1017·2	+ 0·7	..	..	..	..	..	..	..	*272·8*	- 0·1	532	+232
351	Akmolinsk	51 12	71 23	347	..	..	..	..	..	..	..	..	..	..	*273·4*	- 1·0	520	+232
352	♯Omsk	55 1	73 19	108	1005·0	1018·7	+ 0·5	..	..	..	..	..	..	..	*272·7*	- 0·5	343	+98
353	Barnaoul	53 20	83 48	162	1000·8	1021·2	+ 0·7	..	..	..	..	..	..	..	*274·0*	+ 0·2	396	+98
354	Tomsk	56 30	84 58	123	1003·8	1019·3	+ 0·7	..	..	..	..	..	..	..	*272·3*	+ 0·2	552	+196
355	Minousinsk	53 43	91 41	249	990·3	1021·5	+ 0·4	..	..	..	..	..	..	..	*273·3*	- 0·1	321	+83
356	Eniseisk	58 27	92 10	81·2	1008·4	1018·7	+ 1·0	..	..	..	..	..	..	..	*270·9*	- 0·4	475	+154
357	Irkutsk	52 16	104 19	467	963·2	1021·1	+ 0·2	..	..	..	..	..	..	..	*271·9*	+ 0·2	317	+83
358	Kirensk	57 47	108 7	278	985·0	1020·3	+ 1·6	..	..	..	..	..	..	..	*269·8*	- 0·5	454	+98
359	Tchita	52 2	113 30	685	932·6	1016·4	- 1·7	..	..	..	..	..	..	..	*270·0*	- 0·1	399	+98
360	Nertchinskii Zavod	51 19	119 37	621	941·8	1018·4	+ 1·0	..	..	..	..	..	..	..	*269·0*	- 0·4	335	+98
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météon)	50 16	127 30	142	996·6	1014·4	- 0·2	..	..	..	..	..	..	..	*273·0*	0·0	783	+196
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·2	1011·6	0·0	..	..	..	..	..	..	..	..	..	380	+98
366	Okhotsk	59 21	143 17	6·0	1010·6	1011·4	- 1·3	..	..	..	..	..	..	..	*270·2*	+ 0·3	383	
368	Pétropavlovsk (Phare)	52 53	158 43	87·1	995·1	1005·9	- 1·6	..	..	..	..	..	..	..	*267·5*	+ 0·3	660	+295
369	Kluchevskoye	56 21	160 48	? 30	..	..	..	..	..	..	..	..	..	..	*274·0*	+ 0·8	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 106.
††Mean latitude and longitude of the observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1008·7	1017·2	+ 0·7	286·3	305·2	July 25	280·2	268·6	Jan.1	283·3	*283·0*	+ 0·6	505	-265
412	Portland, Oregon	45 32	122 41	46·6	1013·2	1018·7	+ 0·9	289·5	310·2	July 24	281·1	263·6	Jan.1	285·3	*285·1*	+ 0·9	883	-222
413	Macleod	49 44	113 24	953	..	..	..	286·0	307·4	Aug.11	273·3	236·3	Jan.2	279·7	*279·7*	+ 1·6	409	+55
414	Helena	46 34	112 4	1253	874·3	1017·7	+ 1·0	285·7	309·7	Aug.10	274·0	244·1	Jan.1	279·8	*279·7*	+ 0·4	275	-64
415	Salt Lake City	40 46	111 54	1329	868·5	1018·6	+ 1·0	289·6	310·8	July 27	279·2	250·2	Dec.20	284·4	*284·6*	+ 0·4	307	-109
416	Cheyenne	41 8	104 48	1856	813·2	1016·6	+ 0·8	286·3	305·2	July 31	273·6	248·0	Jan.1	279·9	*280·0*	- 0·1	372	+16
416a	North Platte	41 8	100 45	860	916·9	1016·7	0·0	290·1	310·2	Aug.9	276·1	248·0	Jan.1	283·1	*282·8*	+ 0·9	502	+32
417	Bismarck	46 47	100 38	510	954·9	1016·2	- 0·4	285·6	310·8	Aug.11	272·8	236·3	Jan.2	279·2	*279·3*	+ 1·4	408	-25
418	Winnipeg	49 53	97 7	232	986·8	1015·4	- 0·8	282·0	308·4	May 23	271·7	241·6	Jan.1	276·8	*276·4*	+ 2·4	532	+19
419	Duluth	46 47	92 6	345	973·2	1015·3	- 0·9	281·7	304·7	Aug.9	272·1	240·2	Jan.2	276·8	*276·5*	+ 0·4	762	+30
419	Port Arthur	48 27	89 12	196	990·4	1014·6	- 1·5	281·1	305·2	July 15	271·9	243·6	Jan.28	276·5	*276·1*	+ 1·6	639	+50
421	Chicago	41 47	87 35	205	991·5	1016·3	- 0·5	286·7	307·4	Aug.3	278·9	251·9	Jan.2	282·8	*282·5*	- 0·3	862	+23
422	Toronto	43 40	79 24	116	1001·0	1015·2	- 1·6	285·5	305·4	July 8	276·8	252·9	Feb.25	281·2	*280·8*	+ 0·9	898	+103
423	New York (Central Park)	40 47	73 58	47·4	1010·3	1016·1	- 1·0	289·0	307·4	July 8,Aug.4	280·9	259·1	Feb.26	285·0	*284·7*	+ 0·3	1159	+43
424	St.John, N.B.	45 17	66 4	36·3	1009·4	1013·9	- 0·8	282·5	302·7	Aug.14	274·5	249·7	Jan.22	278·5	*278·3*	+ 0·4	1128	-92
424a	S.W. Point, Anticosti	49 24	63 33	9·1	1010·0	1011·1	- 0·7	277·2	294·1	July,11,12	271·7	248·9	Feb.25	274·5	*274·7*	- 0·1	521	-268
424b	Sable Island (Main Station)	43 57	60 6	7·6	1013·5	1014·4	- 0·6	282·8	296·3	Aug.18	277·9	260·2	Jan.22,Feb.28	280·4	*280·3*	+ 0·4	1137	-165
425	Fort aux Basques	47 35	59 10	9·1	1010·6	1011·7	- 1·1	279·8	295·5	Aug.15	273·6	250·8	Feb.26	276·7	*276·6*	+ 0·3	1470	+90
426	St. John's, Newfoundland	47 34	52 42	74·1	1002·0	1011·2	- 0·7	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	940·4	1017·5	- 0·1	291·4	308·5	Aug.11	281·0	269·8	Feb.8	286·2	*285·8*	0·0	425	+ 7
436	Nantes	47 15	W. 1 34	36·5	1011·3	1015·7	- 1·1	289·5	307·4	Aug.11	280·8	268·9	Dec.10	285·2	285·1	+ 1·0	775	-11
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·1	1016·2	- 0·5	289·1	307·9	July 15	280·0	268·0	Dec.15	284·5	284·4	+ 1·2	737	+175
438a	Marseille	43 18	5 23	75	..	1015·2	+ 0·2	293·0	308·2	Aug.4	282·5	270·6	Dec.16	287·8	*287·1*	0·0	574	- 1
439	Zürich	47 23	8 33	493	959·1	1017·5	- 0·2	288·1	308·0	July 27	278·5	266·1	Dec.15,16	283·3	282·6	+ 1·0	971	-138
440	Rome	41 54	12 27	45·5	1009·9	1015·2	0·0	294·5	311·0	Aug.4	284·7	271·5	Jan.2	289·6	*289·6*	+ 1·2	917	+86
441	Vienna	48 15	16 22	203	992·5	1017·1	+ 0·5	288·4	306·2	July 16	279·3	263·3	Jan.3,4	282·8	282·7	+ 0·1	607	-41
442	Budapest	47 31	19 1	130	1001·4	1017·2	+ 0·6	289·2	311·4	July 17	279·7	258·2	Jan.4	284·5	284·0	+ 0·5	434	-204
443	Sofia	42 42	23 20	550	952·9	1017·6	+ 0·1	289·0	310·4	Aug.6	278·8	259·7	Feb.26	283·9	*283·8*	+ 0·8	439	-206
444	Bucharest	44 25	26 6	82	1008·1	1018·1	+ 1·3	289·6	310·5	Aug.6	279·1	254·0	Jan.3	284·3	283·8	+ 0·2	567	-22
444a	Odessa (Observatory)	46 26	30 46	42·8	1012·9	1018·2	+ 1·1	285·4	306·1	July 15	278·6	253·6	Feb.6	282·0	*281·8*	- 1·1	330	-64
445	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
446	Novorossiisk	44 44	37 49	37·1	1012·8	1017·3	+ 1·2	289·4	310·0	July 30	281·2	254·6	Feb.5	285·3	*285·1*	- 0·6	473	-230
447	Tiflis	41 43	44 48	404	970·3	1017·9	+ 0·4	288·6	308·4	June 23	280·9	259·5	Feb.9	284·7	285·3	- 0·1	515	+14
448	Astrakhan	46 21	48 2	-13·8	1021·3	1020·1	+ 1·6	..	..	..	..	..	..	..	*291·1*	- 1·1	233	+77
449	Fort Alexandrovsk	44 31	50 7	-23·0	..	..	..	..	..	..	..	..	..	..	*282·8*	- 1·2	206	+62
450	Krasnovodsk	40 0	52 59	-4·6	1017·6	1017·0	+ 0·5	..	..	..	..	..	..	..	*287·5*	- 1·2	123	-16
450	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	274·3	241·2	Jan.5	..	*279·6*	- 0·7	79	-36
451	Tashkent	41 20	69 18	478	961·2	1017·4	+ 0·4	292·0	312·1	June 28	279·3	254·6	Feb.10	285·9	*285·7*	- 0·8	..	..
452	Marynskoe	41 23	76 13	2015	..	..	..	..	..	..	268·9	235·5	Jan.27	..	*274·7*	- 0·9	373	+101
452a	Alma Ata	43 16	76 53	841	921·2	1019·1	+ 0·2	286·7	308·4	June 28	276·1	248·0	Dec.3	281·4	*281·1*	..	729	+158
453	Moukden	41 48	123 23	43·8	1011·3	1016·9	+ 0·4	286·5	308·2	July 11	275·2	246·2	Jan.12	280·9	280·5	+ 0·4	709	+41
453	Jochin	40 40	129 11	31·9	1011·9	1015·8	+ 0·7	285·4	302·3	July 11	277·3	254·0	Jan.12	281·3	280·9	0·0	1107	+397
454	Tuki	42 20	130 24	63·8	1007·7	1015·6	+ 0·4	283·0	302·9	July 11	275·7	253·7	Jan.12	279·3	279·2	0·0	1229	+491
455	Vladivostok	43 7	131 54	128	999·6	1015·5	- 0·3	..	..	..	..	..	..	..	*276·9*	- 0·8	978	+408
455a	Ochtai	47 20	142 47	27·4	1009·0	1012·4	+ 0·7	281·4	305·0	July 27	271·0	240·4	Feb.12	276·2	276·1	+ 1·3	535	-314
455b	Nemuro	43 20	145 35	26·7	1009·7	1013·0	+ 0·4	282·8	302·0	Sept.8	275·8	257·9	Feb.12	279·3	279·1	+ 0·6	845	-114
455c	Syana	45 14	147 53	39·3	1007·4	1012·3	+ 0·5	281·9	300·5	Aug.19	274·7	254·9	Feb.1	278·3	278·3	+ 1·0	970	-61
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

BETWEEN LATITUDE 40° N. AND 30° N. YEAR – ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1011·5	1017·3	+ 0·3	290·4	310·2	Sept.21	283·4	275·2	Dec.23	286·9	*286·4*	+ 1·1	482	-85
512	Sacramento	38 35	121 30	21·0	1013·5	1016·0	+ 0·3	295·5	312·4	June 5,Aug.9	282·4	269·1	Dec.22	288·9	*289·0*	+ 0·4	321	-151
513	San Diego	32 43	117 10	26·5	1012·4	1015·4	+ 0·3	293·1	301·3	Nov.20	285·9	275·8	Feb.16	289·4	*289·1*	+ 0·5	140	-101
514	Modena	37 48	113 54	1668	834·2	1015·1	+ 0·4	290·7	308·6	July 27,Aug.9	273·7	249·1	Dec.20	282·2	*282·0*	+ 0·5	179	-109
515	Santa Fé	35 41	105 57	2138	788·2	1014·6	+ 0·7	289·1	304·7	July 4	276·1	256·9	Dec.20	282·6	*282·5*	+ 0·4	332	-40
516	Denver	39 45	105 0	1813	837·9	1016·4	+ 1·0	289·6	308·5	Aug.19	276·6	249·7	Jan.1	283·1	*283·1*	+ 0·2	373	+11
517	Abilene	32 23	99 40	530	955·0	1015·9	+ 0·2	297·7	313·6	June 28	284·8	280·2	Jan.1	291·2	*290·5*	+ 0·6	754	+142
518	Saint Louis	38 38	90 12	173	996·5	1017·1	- 0·1	291·3	308·0	July 3	281·9	252·4	Jan.1	286·6	*286·5*	+ 0·3	981	-27
519	Mobile	30 41	88 2	17·4	1016·1	1018·2	+ 0·5	296·9	308·6	July 1,Aug.25	288·1	265·2	Jan.2	292·5	*292·0*	+ 0·3	1450	-137
520	Nashville	36 10	86 47	166	998·9	1018·7	+ 0·4	293·0	306·9	July 22	282·8	255·2	Jan.2	287·9	*287·9*	- 0·3	1167	-38
521	Charleston	32 47	79 56	14·6	1016·6	1018·3	+ 0·1	295·7	310·8	June 20	288·0	265·2	Jan.2	291·9	*292·0*	+ 0·3	1087	-142
522	Washington	38 54	77 3	34·1	1012·9	1016·9	- 0·9	291·3	309·1	July 1,Aug.4	281·3	259·1	Jan.30	286·3	*285·9*	+ 0·6	1103	+29
524	Bermuda	32 17	64 46	48·0	1014·9	1020·3	+ 2·0	298·0	308·6	Sept.8	290·5	281·6	Feb.13	294·3	*294·4*	0·0	1873	+412
		N. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see page 107.

YEAR - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	∮Santa Cruz (Flores)	39 27	31 9	40	1015·9	1020·6	- 0·9	292·8	301·3	July 22	287·7	276·0	Feb.24	290·3	290·2	- 0·2	1694	+106
531	Horta	38 32	28 38	65	1013·5	1021·3	- 0·3	292·5	300·5	Aug.21	288·0	276·7	Feb.24	290·3	290·0	- 0·6	1094	+ 4
532	Ponta Delgada	37 44	25 40	22	1018·9	1021·5	+ 0·2	292·2	298·7	Aug.9	288·3	278·6	Feb.24	290·3	290·3	0·0	1126	- 5
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
533	Madeira (Funchal)	32 38	16 55	25	1018·7	1021·7	+ 1·9	294·7	304·5	June 28	290·1	285·0	Feb.26	292·4	*292·4*	+ 1·2	324	-355
535	Lisbon	38 43	9 9	95	1007·3	1018·6	+ 1·1	292·5	309·0	Aug.10	285·7	276·2	Jan.12	289·1	288·8	+ 0·1	609	-238
535a	Melilla	35 17	2 59	40	..	..	..	..	306·0	Aug.21	..	278·9	Dec.22	..	..	..	278	-268
536	Gibraltar	36 6	5 21	16·2	..	1018·2	+ 0·2	294·3	310·2	July 27	287·5	278·6	Jan.1	290·9	*290·7*	0·0	644	+57
536a	Colomb-Béchar	31 36	W. 2 4	789	929·2	1014·6	..	300·2	314·0	July 25,Aug.3	284·4	267·0	Dec.27	292·3	*292·2*	- 0·4	99	-353
537	Palma	39 34	E. 2 39	23	1013·4	1016·1	- 1·2	295·9	312·0	Aug.3	284·3	273·0	Feb.5	290·1	*289·8*	- 0·3	427	-53
538	Algiers (Bouzaréah)	36 48	3 2	342	976·8	1016·8	+ 0·3	292·6	311·2	July 4	286·8	275·8	Nov.29	289·7	289·5	+ 0·5	963	+342
538a	Gadames	30 9	9 30	351	..	..	..	..	319·7	Aug.24	..	..	..	..	..	..	69	+47
539	Tunis	36 48	10 10	75	1008·4	1017·3	..	295·5	312·4	Aug.27	288·2	276·0	Feb.10	290·9	*290·7*	+ 0·2	582	+195
539a	Malta	35 54	14 31	71·2	..	1015·5	+ 0·6	294·5	308·0	July 30	289·2	279·7	Dec.16	291·8	*291·1*	- 0·1	850	+268
540	Riposto	37 41	15 14	14·2	..	1015·7	- 0·3	293·9	306·4	Aug.16	286·4	275·8	Feb.27	290·1	*290·7*	0·0	861	+441
541	Athens	37 58	23 43	107	1002·5	1015·1	+ 0·2	295·4	311·7	July 18	287·5	270·0	Feb.28	291·4	291·0	+ 0·7	445	-128
542	Alexandria	31 12	29 53	32·0	1010·8	1014·3	- 0·3	298·6	315·3	Apr.23	290·7	278·7	Feb.28	294·7	*294·1*	+ 0·8	99	
543	Ankara (Angora)	39 58	32 48	861	916·7	1015·4	- 0·5	290·8	310·1	Aug.30	277·8	258·8	Feb.27	284·2	*284·4*	..	210	-35
543a	Nicosia (P.W.D.)	35 9	33 22	159	993·8	1012·1	- 0·4	299·1	313·6	Apr.,Fly.,Aug.	286·0	271·9	Mar.3	292·5	..	+ 0·6	336	-35
544	Beirut	33 54	35 28	33·7	..	1013·0	- 0·7	297·8	310·7	Apr.28	290·7	276·9	Feb.29	294·2	*294·0*	+ 0·7	886	- 8
545	Hinaldi	33 17	44 29	32·3	..	..	..	303·7	320·8	July 23	287·4	267·4	Jan.7	295·5	..	0·0	135	
546	Lenkoran	38 46	48 51	-20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	-38
547	Tehran	35 41	51 25	1220	..	..	..	..	..	..	..	..	..	..	..	..	213	-41
548	Meshed	36 17	59 38	946	877·4	..	..	294·6	311·3	June 30	283·4	261·9	Feb.11	289·0	*288·8*	- 0·5	194	
549	Seistan	31 0	61 30	610	..	..	..	293·4	309·8	Jly. 27,Aug.10	278·3	255·2	Jan.4,Feb.10,12	285·9	..	- 0·4	40	-14
550	Quetta	30 12	67 0	1673	..	..	..	300·6	316·1	May 25	286·5	264·9	Jan.30	293·6	..	+ 0·1	235	-14
551	Peshawar	34 2	71 37	339	971·3	1010·1	- 0·3	296·9	311·4	July 19	279·1	259·6	Feb.3	288·0	*287·8*	+ 0·8	393	-25
551a	Lahore	31 34	74 20	214	984·0	1008·5	- 0·3	303·1	319·7	June 6	289·3	273·6	Jan.25,26	296·2	*295·6*	+ 0·8	473	+41
552	Simla	31 7	77 8	2202	781·1	..	+ 0·5	304·7	319·4	May 27	291·2	276·3	Jan.30	297·9	*297·4*	+ 0·7	1366	+268
552a	Leh	34 10	77 42	3503	666·5	..	+ 0·4	290·0	301·6	May 28	283·3	269·2	Dec.31	286·7	*286·5*	+ 0·4	98	+28
559	Hankow	30 35	114 17	37·0	1012·6	1017·0	0·0	295·8	312·1	July 25	286·4	268·8	Feb.11	291·1	*290·6*	+ 0·8	992	-236
560	Tientsin	39 9	117 9	6·4	1016·5	1017·2	0·0	290·8	314·4	May 28,July 2	280·0	256·0	Jan.29	285·4	*285·3*	+ 0·2	722	+197
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·5	1016·3	- 0·1	294·0	309·2	July 16	284·4	267·7	Jan. 5	289·2	288·3	+ 0·2	1160	+216
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1008·9	1017·1	+ 0·8	288·6	306·8	Aug.8	279·8	256·6	Jan.5,13	284·2	283·8	+ 0·1	911	+711
562a	Nagasaki	32 44	129 52	133	999·7	1015·5	+ 0·1	293·1	305·4	Aug.28	285·6	271·0	Jan.12,Feb.9	289·3	288·7	0·0	1628	+687
563	Kyoto	35 1	135 44	42·9	1010·3	1015·5	+ 0·8	293·1	306·9	Jly. 27,Sept. 2	282·5	267·3	Feb.2	287·8	287·3	+ 0·6	1750	+260
564	Tokyo	35 41	139 46	5·8	1014·0	1014·7	+ 0·6	291·4	305·2	Sept.1	283·0	267·4	Mar.6	287·2	287·1	+ 0·3	1106	+121
565	Hukusima	37 45	140 28	68·5	1008·8	1015·1	+ 1·0	290·5	307·1	Aug.22	280·8	263·3	Dec.20	285·7	285·1	+ 0·3	989	+432
566	Miyako	39 38	141 59	30·4	1010·1	1013·8	+ 0·2	289·0	306·9	Sept.14	279·0	261·0	Jan.23	284·0	283·3	+ 0·3		
		N.	E.															

YEAR - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1017·8	1018·6	+ 1·0	297·9	304·1	July 7	290·8	283·6	Feb.24	294·3	*293·8*	- 0·6	1187	+462
605	Honolulu	21 19	157 52	11·6	1016·0	1017·4	+ 0·7	299·4	302·4	Aug. 7	294·4	288·6	Mar.25	296·9	*296·8*	+ 0·2	368	+38
613	Guaymas	27 55	110 53	8·3	1011·9	1012·8	..	302·8	310·5	June 26	293·6	280·7	Feb.26	298·2	*297·1*	- 0·7	144	+26
615	Leon	21 7	101 41	1809	821·5	1010·6	- 0·3	299·9	309·5	May 21	284·0	273·0	Dec.30	291·9	*291·2*	- 0·4	768	+126
616	Monterry	25 40	100 18	528	954·4	1014·0	+ 0·5	299·9	311·5	Apr.21	289·4	270·2	Jan.2	294·7	*294·4*	- 0·1	568	+245
617	Tulancingo	20 5	98 22	2181	790·1	..	- 0·2	298·2	305·5	Apr.	281·6	269·5	Dec.30	288·9	*287·5*	- 0·4	467	+211
618	Galveston	29 18	94 50	16·5	1015·8	1017·8	+ 0·8	296·3	309·1	Aug.10	290·8	266·3	Jan.2	293·6	*293·3*	- 0·2	1850	+1
618a	New Orleans	29 57	90 4	16·2	1016·1	1018·0	+ 0·9	297·8	309·1	Aug.26	289·6	266·9	Jan.2	293·7	*293·3*	0·0		-38
619	Mérida, Yuc.	20 58	89 38	22	1012·4	1014·9	- 0·2	303·9	312·2	June 10	294·7	285·2	Jan.30	299·3	*298·4*	+ 0·4	801	
620	Havana	23 7	82 25	77·0	1006·8	1015·7	- 0·5	301·6	307·8	June 5	293·9	284·6	Dec.29	297·8	297·3	..	1013	-236
620a	Key West	24 33	81 48	6·7	1016·1	1016·8	+ 0·3	300·7	306·3	July 22	294·9	281·9	Jan.4	297·8	*297·3*	- 0·1	780	-26
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·4	+ 0·4	..	306·9	June 20	294·7	285·8	Dec.30	..	*‡299·0*	0·0	1350	..
622	Watling Island	24 6	74 26	33·5	..	..	..	..	304·1	Aug.15,25,31	..	291·3	Jan.29	..	*299·0*	- 0·3	..	
633	Port Etienne	20 56	17 3	4	..	..	..	300·9	318·1	May 29	292·4	285·0	Jan.29	296·6	*295·0*	..	32	-34
634m	Izaña	28 19	16 30	2367	770·3	..	+ 1·2	286·8	298·8	Aug.6	279·1	268·5	Jan.27	282·9	*282·5*	+ 1·0	404	-24
634	La Laguna	28 28	16 20	547	955·3	1018·4	+ 0·4	294·0	309·9	Aug.11	285·6	276·8	Jan.21	289·8	*289·2*	+ 0·4	23	
636	Adrar	27 38	W. 0 4	285	..	..	..	305·8	321·4	July 31	288·3	271·6	Feb.6	297·1	*299·0*	..	..	
638	Laperrine	22 36	E. 5 26	1350	..	..	..	..	..	..	..	..	..	..	..	..	..	
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	4	
642	Siwa	29 12	25 29	-23	1017·7	1015·0	+ 0·5	..	..	..	286·5	272·0	Feb.28	..	..	..	7	
643	Cairo (Helwan)	29 52	31 20	116	1000·2	1013·6	- 0·4	301·8	317·9	Apr.24	288·8	277·0	Feb.29,Mar.2	295·3	*295·1*	+ 0·7	..	
643a	Aswan	24 2	32 53	100	1000·1	1011·3	- 0·3	308·3	320·0	May 25	292·1	277·2	Feb.26	300·2	*299·6*	+ 1·2	8	
644	Tor	28 14	33 37	1·9	1011·0	1011·2	- 0·2	301·2	314·6	June 5	290·4	277·8	Mar.1	295·8	*295·6*	+ 0·6	..	
		N.	E.														mm.	mm.

*For formulae employed see pages 108,109,and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 109. ∮Change of normals, see page 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

YEAR - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date	Mean Min. B.	Absolute Min.	Date	Mean of A and B.	†24 hr. Mean *	Diff. from Normal.	Precipitation. Total	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1008·6	1009·1	..	300·8	311·8	Aug.10	294·2	278·7	Mar.4	297·5	*296·9*	+ 0·5	217	-48
648	Jask	25 45	57 45	4·0	1007·6	1008·2	..	303·6	313·2	July 25	295·8	282·9	Jan.28	299·7	*299·1*	0·0	55	-59
649	Karachi	24 53	66 57	4·0	1009·2	1009·7	- 0·1	301·7	309·2	Apr.7	295·1	282·0	Feb.3	298·4	*297·8*	0·0	62	-131
650	Jacobabad	28 17	68 29	56·7	1002·3	1008·7	+ 0·3	308·7	321·8	May 30	292·4	272·1	Feb.4	300·6	*300·0*	+ 0·6	23	-70
651	Jaipur	26 56	75 52	436	961·0	1009·9	+ 0·3	305·7	316·3	May 25	292·6	276·8	Dec.31	299·2	*298·5*	+ 0·4	425	-189
652	Nagpur	21 8	79 5	310	974·9	1009·8	+ 0·2	306·7	319·4	May 24	293·7	280·1	Dec.23	300·2	*299·7*	+ 0·3	948	-296
653	Allahabad	25 25	81 51	94·2	997·7	1008·4	- 0·4	305·9	320·1	May 25	293·4	277·8	Jan.5	299·7	*299·0*	+ 0·9	640	-353
654	Darjeeling	27 3	88 15	2265	775·8	..	+ 0·2	288·8	297·3	July 22	282·7	273·4	Feb.9	285·8	*285·6*	+ 1·1	2679	-435
655	Calcutta	22 32	88 20	6·4	1008·2	1009·0	0·0	304·4	313·4	Apr.26	295·2	282·2	Jan.6	299·8	*299·5*	+ 0·9	1997	+410
656	Gauhati	26 8	91 41	59·7	1004·0	1010·8	+ 0·1	302·4	310·1	Sept.13	292·2	280·6	Jan.5	297·3	*296·5*	+ 0·2	1396	-264
656a	Cherrapunji	25 15	91 42	1313	868·5	..	+ 0·5	293·7	300·8	July 18	287·6	278·7	Jan.11	290·7	*290·0*	+ 0·5	10019	-750
656b	Akyab	20 11	92 56	6·1	1009·0	1009·8	- 0·4	302·6	309·2	Apr.24	294·7	284·1	Jan.12	298·6	*298·4*	- 0·4	5270	+105
656c	Mandalay	21 59	96 0	76·2	1001·8	1010·4	0·0	306·6	313·6	Apr.24	294·9	284·9	Jan.13	300·7	*300·1*	- 0·1	1193	+349
657	Tengyueh	25 2	98 33	1626	836·1	1010·0	..	294·3	301·3	July 18	282·9	270·8	Jan.16	288·6	*287·9*	+ 0·2	1734	+153
658	Pau Lien	20 48	106 38	116	..	1011·2	0·0	299·8	308·0	July 14	293·4	280·8	Feb.19	296·6	296·1	+ 0·1	2110	+397
659	Moncay	21 31	107 51	9·0	..	1011·2	- 0·4	300·2	309·9	Sept.22	292·8	280·4	Feb.14	296·5	*295·8*	+ 0·5	2960	+129
660	Hongkong	22 18	114 10	33·2	..	1012·1	- 0·4	298·0	306·7	July 30	293·5	280·2	Jan.31,Feb.1	295·7	295·4	+ 0·3	1807	-371
661	Amoy	24 26	118 4	4·9	..	..	..	297·9	308·6	July 12	292·0	278·6	Jan.5,Feb.1	294·9	294·7	+ 0·1	1144	-38
661a	Taihoku, Formosa	25 2	121 31	9·3	1012·5	1013·6	- 0·1	299·0	310·1	July 24	291·6	277·1	Jan.5	295·3	294·7	0·0	2417	+264
662	Basco	20 28	121 59	18·7	..	1010·1	- 0·4	301·3	305·8	May 24	296·5	291·1	Jan.5	298·9	298·7	+ 0·1	3448	+414
663	Naha	26 12	127 39	29·5	1009·9	1013·3	- 0·2	297·3	305·7	July 28	292·5	282·7	Feb.25	294·9	294·8	- 0·3	2319	+175
665	Titiima (Bonin Islands)	27 5	142 11	4·1	1013·5	1014·0	- 0·3	298·5	306·3	July 6	292·9	281·5	Feb.23	295·7	295·4	- 0·1	1597	-40
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

YEAR - ZONE 7.

718	Colima	N. 19 12	W. 103 45	498	957·0	1012·7	+ 0·9	304·8	310·0	July 18	290·9	283·0	Mar.15	297·9	*297·0*	- 0·4	1062	+212
719	Morelia	19 42	101 7	1923	809·9	1010·2	- 0·3	295·7	302·5	May 21	284·6	275·8	Dec.30	290·1	*289·9*	+ 0·1	772	- 4
720	Mexico, Tacubaya	19 24	99 12	2309	775·0	..	- 0·1	296·4	303·8	Apr.23	281·1	271·5	Dec.30	288·7	287·8	- 0·1	783	+147
721	Salina Cruz	16 12	95 12	56	1005·2	1011·6	- 0·7	302·6	308·6	May 4	295·5	289·2	Jan.30	299·1	*299·5*	- 0·2	1102	+129
722	San Salvador	13 42	89 13	682	937·2	1012·5	+ 0·2	306·0	310·4	Mar.3	290·5	284·0	Dec.10	298·2	*296·5*	+ 0·3	1925	+121
723	Belize	17 31	88 11	5·2	1013·7	1014·3	+ 0·4	..	..	..	295·8	286·9	Dec.26	..	‡*297·8*	- 0·2	1328	-546
724	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·2	+ 0·5	303·9	308·4	Sept.27	294·9	290·0	Jan.23	299·4	*299·2*	+ 0·4	908	-466
725	Port au Prince	18 33	72 20	37·4	1010·3	1014·6	+ 0·1	305·2	310·8	July 15	295·0	281·1	Jan.14	300·1	*299·6*	+ 0·4	1110	-261
726	Caracas	10 30	66 56	1042	898·7	1012·8	- 0·3	298·3	304·0	May 25	288·2	283·6	Dec.26	293·3	*292·7*	+ 0·1	953	+146
726a	San Juan, Porto Rico	18 29	66 7	25·0	1012·6	1015·4	- 0·1	301·3	305·8	June 9	295·7	291·9	Jan.11,Feb.12	298·5	*298·2*	0·0	1755	+116
727	Grenada (Richmond Hill)	12 5	61 46	188	991·3	1012·6	0·0	303·1	305·2	7 months	296·1	288·6	Aug.8	299·6	*299·1*	+ 0·5	1621	-274
728	Barbados	13 8	59 36	55·2	..	1013·8	0·0	302·7	304·7	May 13,June 24	295·8	290·9	Feb.11	299·3	*299·1*	+ 0·3	1427	+62
729	SSo Vicente, C. Verde Is.	16 54	25 4	11	1013·1	1014·4	+ 0·2	298·5	304·0	Oct.15	294·7	290·0	Feb.27,Mar.5	296·6	*296·6*	+ 0·3	137	-11
730	∮San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	..	..	..	..	289·0	Feb.2	..	..	..	..	..
731	Dakar	14 40	17 26	32	..	1012·2	..	301·4	310·6	Sept.27	294·0	287·7	Jan.23	297·7	*296·7*	- 0·3	473	-52
732	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·2	306·9	Mar.Jun.Sept.	294·4	288·0	Feb.19	297·8	*297·8*	- 0·6	1322	..
733	Nténébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
734	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
735	Sokoto	13 2	E. 5 14	353	..	..	..	309·2	317·4	Apr.17,21	293·7	280·8	Feb.7	301·5	*301·0*	+ 0·3	591	-90
736	Kaduna Capital	10 32	7 25	7637	..	..	..	304·3	310·2	Mar.17,Apr.17	..	..	..	..	‡*297·4*	+ 0·1	1287	-81
737	Hadeija	12 40	10 5	?	..	..	..	308·5	323·0	Apr.17,July 2	..	..	..	..	..	..	455	-78
741	Maiduguri	11 47	13 11	361	..	..	..	310·0	318·6	May 21,Jun.5	293·8	284·1	Dec.21	301·9	*301·4*	+ 0·7	593	- 4
742	El Fasher	13 32	25 18	730	927·1	1007·6	..	309·2	316·0	May 5	290·1	275·0	Dec.11	299·7	*298·3*	+ 0·6	360	+59
743	∮El Obeid	13 11	30 14	563	946·4	1008·7	+ 0·4	..	..	..	..	..	..	..	..	..	354	+ 5
744	Khartoum	15 37	32 33	390	965·0	1008·0	- 0·5	310·9	318·0	May 26	296·0	282·4	Dec.10	303·5	*303·6*	+ 1·4	121	-32
745	Port Sudan	19 37	37 13	5·5	1009·1	1009·8	- 0·2	307·2	320·1	July 24	297·1	288·5	Dec.10	302·2	*301·8*	+ 0·8	73	-39
746	Berbera, Somaliland	10 22	45 2	13·8	1007·7	1009·3	- 0·9	306·9	316·9	Jun.7,Jly.26	298·5	288·6	Dec.17,29	302·7	*302·6*	- 0·2	27	-34
747	Aden	12 45	45 3	28·7	1007·5	1010·8	- 0·2	304·9	311·5	July 18	298·9	292·4	Dec.29	301·9	*301·4*	+ 0·6	4	-46
748	Bombay	18 54	72 49	11·3	1009·3	1010·6	- 0·1	303·7	308·1	Oct.22	296·7	288·5	Feb.4	300·2	299·6	+ 0·2	2178	+383
749	Kodaikanal	10 14	77 28	2343	771·4	..	+ 0·4	291·6	297·3	May 24	283·8	279·0	Dec.11	287·7	*287·0*	+ 0·5	1715	+134
750	Bangalore	12 59	77 38	921	910·4	1010·8	+ 0·3	303·1	310·6	Apr.22	291·6	285·4	Dec.21	297·3	296·6	+ 0·9	976	+75
751	Madras	13 4	80 14	6·7	1009·1	1009·9	- 0·4	306·2	316·3	May 31	297·4	290·2	Mar 1	301·8	*301·2*	+ 0·6	1308	+19
752	Vizagapatam	17 42	83 19	11·6	1008·0	1009·3	- 0·2	303·4	314·2	May 29	297·6	289·6	Jan.17	300·5	*299·9*	- 0·1	1360	+416
753	Port Blair	11 40	92 40	18·0	1008·2	1010·2	- 0·3	302·9	305·7	May 16	298·2	294·4	Mar.2	300·6	*300·0*	- 0·1	2998	+41
754	Rangoon	16 46	96 48	5·5	1010·0	1010·7	- 0·2	305·2	311·3	Mar.16	296·1	290·4	Feb.12	300·7	*299·6*	+ 0·4	2904	+391
755	Cap St. Jacques	10 20	107 5	180	..	..	..	301·8	307·2	Apr.9	296·1	293·0	Dec.22	299·0	*298·6*	- 0·3	1507	+166
756	Mhatrang	12 15	109 12	3·6	..	1009·4	..	303·4	310·4	July 16	296·0	290·4	Nov.25,26	299·7	*299·2*	0·0	1239	-312
757	Bolinao	16 23	119 53	2	..	1008·1	- 0·2	304·4	309·5	Feb.19,Apr.18,25	296·2	290·3	Jan.24	300·3	*300·0*	- 0·1	2187	-432
761	Vigan	17 34	120 23	12·2	..	1008·0	- 0·9	304·4	308·2	May 30	297·2	293·0	Nov.30	300·8	300·3	+ 0·2	2250	-380
762	Manilla	14 35	120 59	14·2	..	1008·9	- 0·5	304·7	308·9	May 1	296·2	292·4	Dec.20,28	300·5	299·7	+ 0·1	1715	-316
763	Ormoc	11 0	124 36	5·6	..	1007·9	- 0·5	305·2	308·0	May 16	295·9	291·1	Dec.3	300·5	*300·1*	+ 0·8	2637	+377
764	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·1	- 0·5	303·3	306·2	June 14	297·8	288·0	Mar.5	300·5	*300·9*	+ 0·8	2759	+471
766	Saipan	15 14	145 46	207	986·6	1006·8	..	301·2	303·3	Jun.,July,Aug.	296·3	293·7	Feb.16	298·7	298·6	..	2880	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ∮Change of normals, see page 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. t24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·5	1011·1	+ 0·4	304·3	309·7	Nov.4	..	..	..	..	‡*301·9*	+ 0·5	2462	-50
821	Cristobal	9 23	79 23	11·0	..	1010·8	- 0·2	303·5	306·3	Sept.5	297·5	295·2	Aug.,Nov.,Dec.	300·5	299·9	+ 0·8	3467	+232
822	Bogota	4 36	74 5	2645	748·4	..	..	292·0	296·3	Feb.17	282·9	277·5	Jan.10	287·5	286·8	..	938	-115
822a	♯Merida, Venez.	8 36	71 9	1641	‡541·6	..	0·0	296·6	300·6	July 18	287·2	284·2	Dec.15	292·2	*291·1*	- 0·2	1860	+68
823	Ciudad Bolivar	8 9	63 33	38	1007·0	1011·3	..	304·5	308·1	May 10	296·5	292·3	Mar.13	300·5	*300·0*	- 0·1	984	+72
824	El Peru, Guayanavieja	7 19	61 49	220	985·4	1010·3	- 0·3	302·3	305·8	Nov.1	294·7	290·8	Jan.4	298·5	*298·0*	+ 0·2	1460	+72
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·2	- 0·3	302·7	305·2	Oct.14	297·4	294·1	Jan.12	300·0	*299·6*	+ 0·3	1758	+494
826	Paramaribo	5 49	55 9	3·7	..	1012·2	- 0·7	304·7	308·0	Nov.2	296·0	293·0	Jan.	300·2	*299·7*	+ 0·5	2620	+536
826a	Cayenne	4 56	52 21	6	..	..	..	303·3	309·0	Dec.13	296·6	294·0	4 months	300·2	*299·5*	+ 0·3	3125	-88
831	10°-5°N. 30°-25°W.	††7 5	††27 5	§(3196-1480)	..	1013·3	+ 0·8	..	..	Sea Temp. 299·1|0·0	..	..	..	..	298·8	- 0·1	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	5215	+867
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·8	1012·7	+ 1·3	302·9	306·9	Apr.17	295·8	292·4	Jan.29,30,31	299·3	*298·7*	- 0·8	3773	+1181
835	Asmuntsi	5 18	1 15	101	..	..	..	302·4	307·4	Feb.14	..	286·3	Feb.20	..	..	..	1225	+ 4
836	Accra	5 33	W. 0 12	16·0	1009·4	1011·2	0·0	302·4	307·6	Jan.30	296·3	289·9	Feb.5	299·4	*299·0*	- 0·1	700	..
837	Lagos	6 27	E. 3 24	3·0	1009·5	1009·8	- 1·0	302·7	306·3	Feb.8	297·1	293·6	Dec.29	299·9	*299·3*	- 0·2	2007	+181
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	2863	-753
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	506	..
841	Wau	7 42	28 3	440	..	..	..	..	315·2	Mar.8,18	..	..	..	..	..	..	..	-197
843	♯Malakal (Kodok)	9 35	31 37	394	965·2	1009·0	0·0	308·2	315·6	Mar.10	294·2	287·5	Dec.10	301·2	*299·9*	+ 0·4	1044	+137
843a	♯Mongalla	5 11	31 47	448	958·7	1008·8	- 0·6	308·4	316·0	Jan.31	294·6	289·5	Dec.11	301·5	*299·9*	+ 0·6	1041	+79
844	Entebbe	0 5	32 29	1171	884·2	1010·4	+ 0·3	298·1	304·7	Feb.26	290·3	286·9	July 6	294·7	*294·2*	+ 0·3	1562	+62
845	Sheikh	9 55	45 15	1463	..	..	..	298·9	305·8	Sept.2	..	276·9	Dec.26,28	..	..	..	506	-77
851	Minicoy	8 17	72 49	2·1	1010·8	1011·0	- 0·4	303·8	306·8	May 8	298·2	294·6	Jan.22	300·9	*300·3*	..	1407	-417
851a	Cochin	9 58	76 21	2·7	1011·2	1011·6	+ 0·1	..	..	..	297·4	294·4	Jan.20	..	‡*299·9*	+ 0·5	2493	+471
852	♯Colombo Observatory	6 54	79 52	7·3	..	1010·1	+ 0·6	303·2	306·3	Mar.10	297·1	291·8	Feb.27	300·1	*299·5*	+ 0·3	2513	+197
853	♯Nuwara Eliya	6 58	80 46	1886	..	..	..	293·3	298·2	Apr.19	283·8	272·6	Feb.20	288·5	*287·7*	+ 0·3	2158	+318
854	♯Trincomalee	8 35	81 15	30·2	..	1008·3	+ 0·2	304·2	308·9	May 28	297·8	294·3	Feb.16	301·0	*300·4*	+ 0·4	1910	..
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	- 0·6	..	..	..	..	..	..	..	..	..	1532	-104
856	Medan	3 35	98 41	25·0	..	1009·4	- 0·5	303·8	307·4	Mar.23	295·7	292·0	Feb.10	299·7	298·1	+ 0·5	1810	-225
857	Peneng	5 34	100 20	5·0	..	..	..	306·7	309·4	Feb.13	295·0	288·8	Nov.27	300·8	*300·0*	+ 0·3	2232	+469
858	Singapore	1 18	103 51	10·9	1008·6	1009·8	+ 0·1	303·7	306·2	Sept.27	296·7	294·4	Feb.10	300·2	*299·7*	0·0	2774	+359
859	Sandakan	5 50	118 7	31·7	..	..	..	304·1	306·3	June 13	296·8	294·7	Aug.28,29,Sept.8	300·5	*300·5*	+ 0·1	4564	+1040
860	Iwahig	9 44	118 38	14·3	..	1008·0	0·0	304·3	307·2	May 2	295·6	291·7	Mar.10	299·9	*299·5*	+ 0·3	2234	+198
861	Tagbilaran	9 38	123 51	21·3	..	1008·1	- 0·6	304·7	308·8	Sept.28	296·9	292·3	Dec.2	300·8	300·0	+ 0·3	1963	+448
861a	Menado	1 30	124 50	8·5	..	1008·5	- 0·4	303·5	306·9	Aug.10	296·2	292·9	Sept.12	299·9	299·3	+ 0·1	3130	+468
863	Kolonie, Yap	9 48	125 29	6·0	..	1008·7	- 0·1	303·5	307·0	June 19	297·3	294·4	Dec.1	300·2	298·9	+ 0·3	4727	+1544
864	Palau	9 29	138 8	29·3	..	1009·0	+ 0·7	303·2	306·4	Aug.11,Nov.22	298·0	295·6	June 27,Nov.4	300·6	300·1	+ 0·2	2963	..
867	Ponape	6 58 N.	158 13 E.	38·9	1005·4	1009·0	..	303·1	305·5	Aug.12	297·6	294·5	Aug.30	300·3	300·1	..	4031	..
		6 58 N.	158 13 E.	38·9	1004·2	1008·6	..	302·5	304·9	Jly.,Sept,Oct.	296·6	293·1	Sept.8	299·5	299·3	..	5883	..

YEAR – ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	S. 8 32	W. 172 31	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
924	Manaos	3 8	60 1	43·8	..	..	..	304·3	308·6	Sept.14	295·3	293·0	Jly. 21,Aug.15	299·8	*299·7*	..	2600	+793
926	♯Taperinha	2 30	54 20	21·5	1009·0	1011·4	0·0	..	..	..	..	..	..	..	*299·2*	+ 0·7	1841	-96
927	Turyassu	1 43	45 26	9·1	1010·0	1011·1	- 0·2	305·1	306·0	Dec.4	295·4	291·6	Jun.10,Aug.5	300·2	*299·5*	+ 0·5	1865	-151
928	♯Quixeramobim	5 30	45 16	81·0	1000·0	1009·4	- 1·0	306·0	311·2	Oct.23	294·0	285·6	July 16	300·1	*299·0*	+ 0·7	838	-221
930	Fernando Noronha	5 16	39 15	207	989·0	1012·3	+ 0·2	304·4	307·8	Feb.17	297·4	294·7	May 20	301·0	*300·8*	+ 0·4	568	-645
930a	5°-10°S. 35°-30°W.	††7 15	††33 19	§(456-462)	..	1013·8	..	..	..	Sea Temp. 299·5|0·0	..	..	..	..	299·5	..	713	..
934	Ascension Island	7 55	W. 14 24	16·8	1013·0	1014·9	+ 0·3	301·6	305·2	Mar.11,21,29	295·8	293·0	4 months	298·7	*297·9*	- 0·2	81	-33
939	Loanda	8 49	E. 13 13	51	..	1012·1	- 0·4	299·7	306·3	May 20	295·0	288·8	Aug.12	297·3	297·0	+ 0·5	236	-86
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	301·0	310·2	Feb.22,25 Feb. 15, 17, 26, Mar. 1	..	283·0	Mar.5,21	..	..	..	1172	+172
944	Nairobi (Dept.Agric.)	1 16	36 50	1675	..	..	..	..	305·2	..	..	277·4	July 5	..	..	..	743	-196
944a	Zanzibar	6 10	39 11	17·1	1013·1	1015·1	0·0	302·0	306·2	Feb.19	297·8	293·9	Aug.23	299·9	*299·3*	+ 0·1	1516	-13
945	Lamu	2 16	40 50	3·0	..	..	..	301·9	304·7	Mar.8,9,Apr.	297·4	293·6	May 24, Aug. 19, Dec. 15	299·7	*299·3*	- 0·3	519	-482
947	Seychelles, Port Office	4 37	55 27	4·6	1011·4	1011·8	- 0·1	301·7	305·4	Apr.17	296·9	294·3	July 20	299·3	*298·6*	- 0·3	3440	+1038
957	Padang	0 56	100 22	6·7	..	1010·6	0·0	303·5	305·7	Mar.12	296·6	294·3	Mar.1,Aug.15	300·5	299·5	+ 0·2	3858	+273
958	Batavia	6 11	106 50	8·0	1008·7	1009·6	- 0·3	303·7	306·8	Sept.15	296·6	294·3	July 30	300·1	299·6	+ 0·5	1695	-238
958a	Pontianak	0 1	109 20	2·6	..	1009·0	- 0·9	305·1	308·2	Aug.4	297·4	295·0	July 16	301·3	300·2	+ 0·6	3021	-238
959	Pasuruan	7 38	112 55	5·0	..	1009·8	- 0·1	304·8	307·7	Oct.21	296·2	290·4	July 15	300·5	300·2	+ 0·6	1379	-153
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	2393	..
962	Amboina	3 42	128 10	4·2	..	1008·8	- 0·7	302·2	306·1	Mar.14	297·5	293·8	Sept.7	299·9	299·4	+ 0·4	3285	-171
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	1760	-75
965	Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	2077	-28
966	Port Moresby	9 29	147 9	38·4	..	1010·4	+ 0·2	302·2	..	..	296·6	..	..	299·4	*299·0*	- 0·2	821	..
967	Rabaul	4 9	152 12	12·5	1006·9	1008·3	- 0·2	303·2	..	..	..	..	..	..	‡*299·9*	- 0·7	..	-430
969	Tulagi, Brit.Solomon Is.	9 6	160 10	2·1	..	..	..	305·8	308·4	Dec.24	296·1	293·7	Aug.8	300·9	*300·3*	+ 0·4	1783	..
970	Ocean Island	0 52	169 35	42·6	1004·6	1009·5	- 0·5	?303·8	?307·0	Jan.29 Nov. 10, Dec. 26, 27, 28	?297·8	?295·8	Sept.15	?300·8	*?300·6*	+ 0·3	1116	-340
		0 52	169 35	42·6	1004·2	1008·6	..	305·4	308·6		298·8	296·9	4 months	302·1	*301·4*	+ 1·1	..	..
		S. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 111 and 112. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111 and 112.
††Mean latitude and longitude of the observations. §Number of observations. ♯ Change of normals, see page 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. t24 hr. Mean *	Temperature. Diff. from Normal.	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1000	Apia, Samoa	13 48	171 46	2·0	..	1009·8	- 0·3	302·5	305·0	Nov.28	296·7	292·9	Jun.7,Jly.28	299·6	299·5	+ 0·2	3388	+601
1003	Alofi, Niue Island	19 2	169 55	19·8	..	1012·8	- 0·2	301·6	308·6	Jan.9	293·9	286·9	Aug.31	297·7	*297·5*	- 0·3	1570	-461
1021	Lima	12 5	77 3	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Tacna	18 0	70 18	560	..	..	..	300·7	307·0	Apr.17	285·1	278·0	July 21	292·9	*290·4*	- 0·2	2	-29
1026	Corumba	18 59	57 39	116	997·6	1010·8	+ 0·3	304·5	312·0	Nov.10	292·8	278·2	July 31	298·5	*298·1*	+ 0·2	902	-289
1027	Cuyaba	15 36	56 6	165	991·9	1010·6	+ 0·2	305·3	312·8	Oct.21	293·3	281·6	Aug.15	299·3	*298·0*	- 0·2	1476	+99
1028	Bello Horizonte	19 55	43 57	895	..	..	..	..	..	..	..	..	..	..	..	..	2620	+336
1029	Castite	14 3	42 37	897	916·6	1015·1	+ 0·9	300·3	307·5	Oct.23	289·1	282·8	July 28	294·7	*294·7*	- 0·2	760	-107
1030	Ondina (Bahia)	13 0	38 31	46·6	1008·2	1014·2	0·0	301·1	305·0	Mar.4	295·2	291·8	Aug.22	298·2	*298·0*	+ 0·2	1445	-490
1031	Aracaju	10 55	37 3	6·1	1014·8	1015·6	+ 0·7	301·5	306·2	Nov.8	295·7	290·7	July 26	298·6	*298·3*	..	744	..
1032a	15°-20°S. 40°-35°W.	††17 19	††38 4	§(518-528)	..	1015·9	..	..	..	Sea Temp. 298·4|0·0	..	..	..	..	298·5	..	..	..
1032b	10°-15°S. 40°-35°W.	††12 42	††36 23	§(463-478)	..	1014·8	..	..	..	299·2|+0·2	..	..	..	..	299·1	..	..	..
1036	St. Helena	15 57	W. 5 40	579	948·1	1015·1	+ 0·9	291·1	295·8	Mar.10	286·9	283·0	July 17	289·0	*289·9*	- 0·4	617	..
1038	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	907·2	1012·8	..	303·9	312·8	Oct.13	289·0	275·8	July 29	296·5	..	..	627	..
1041a	Elisabethville	11 39	27 28	1236	878·4	1011·6	+ 0·9	..	..	..	..	..	..	..	..	..	1127	-28
1042	Gwelo	19 26	30 2	1411	..	..	..	300·8	311·9	Nov.4	284·6	287·4	Jan.26,30	292·7	..	+ 1·0	613	-48
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	854·7	1014·3	+ 0·2	298·8	308·1	Oct.25	285·0	274·2	Aug.4	291·9	291·1	+ 0·4	591	-210
1044	Zomba	15 23	35 18	955	908·8	1013·8	+ 0·5	299·4	308·0	Nov.26	289·0	281·3	July 30,31	294·2	*293·9*	+ 0·4	1020	-366
1045	Mossuril	14 57	40 40	15	..	1014·5	..	303·8	310·8	Jan.19	294·0	..	..	298·9	298·6	..	681	..
1046	Antenanarivo	18 55	47 33	1375	865·9	1014·4	+ 0·2	297·6	305·3	Nov.11	285·5	276·3	July 1	291·5	291·0	+ 0·5	1400	+44
1056	Cocos, Keeling Is.	12 5	96 53	4·6	1012·8	1013·4	- 0·2	302·5	306·1	Feb.24	298·1	294·1	Dec.13	300·3	*299·9*	+ 0·4	1952	-60
1057	Christmas Island	10 25	105 43	5·5	1008·3	1008·9	+ 0·1	303·9	306·3	4 months	297·2	294·1	July 13,18	300·5	*299·9*	+ 0·3	1559	-565
1061	Kupang	10 10	123 34	45·1	..	1010·7	+ 0·4	304·7	308·8	Oct.31	295·8	290·2	Sept.6	300·3	299·7	+ 0·3	1322	-121
1062	♯Derby	17 18	123 40	16·2	1009·4	1011·2	0·0	306·9	316·3	Nov.19	295·4	281·6	June 30	301·2	..	+ 0·7	356	-300
1063	♯Hall's Creek	18 13	127 46	373	969·4	1010·6	- 1·0	307·6	315·8	Oct.19,Nov.19	292·4	274·9	July 1	300·0	*299·4*	+ 1·4	312	-219
1064	♯Darwin	12 28	130 51	29·6	1006·3	1009·8	+ 0·3	305·8	310·3	Jan.8	296·9	286·7	June 29	301·3	*300·2*	+ 0·2	901	-633
1065	♯Daly Waters	16 16	133 23	211	986·0	1009·7	- 0·4	308·6	317·4	Dec.11	293·4	278·0	Jun.30,Jly.1	301·0	*300·4*	+ 1·1	515	-157
1066	♯Wein	13 15	142 50	122	995·4	1009·5	+ 0·1	304·3	310·2	Oct.24,30	293·1	281·9	June 29	298·7	..	- 0·2	1374	+159
1068a	♯Georgetown, Queensland	18 22	143 32	302	977·8	1012·0	+ 0·2	306·3	313·6	Oct.16	291·2	274·1	June 28	298·7	..	+ 0·5	467	-340
	Willis Island	16 18	149 59	8·5	1009·9	1011·0	..	301·5	305·7	Feb.23	296·8	290·1	June 28	299·2	*299·2*	..	970	..
1067	Samarai	10 37	150 40	6·1	..	1010·5	+ 0·3	..	..	..	297·0	..	..	..	‡*300·8*	+ 0·8	2735	+11
1072	Suva, Fiji	18 8	178 26	6·1	1010·8	1011·5	+ 0·2	301·3	307·4	Jan.1	295·3	289·7	July 24	298·3	*298·1*	+ 0·3	2889	-86
		S.	E.															
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

YEAR – ZONE 11 (AMERICA, AFRICA).

BETWEEN LATITUDE 20° S. AND 30° S.

1004	Rarotonga (Avarua)	S. 21 12	W. 159 47	6	..	..	..	300·7	305·8	Jan.20	292·7	285·8	June 28	296·7	*296·5*	0·0	1595	-509
1101	Punte Tortuga, Coquimbo	29 56	71 21	27	1013·8	1017·0	+ 0·7	290·6	295·6	Dec. 8	285·5	280·0	July 29	288·1	*287·9*	+ 0·6	131	+ 6
1102	Iquique	20 12	70 11	6	1014·6	1015·3	+ 0·1	293·4	300·4	Jan.16	..	..	..	..	*290·0*	- 1·1	3	+ 2
1103	Catamarca	28 27	65 47	510	953·2	1011·2	+ 0·2	299·6	316·1	Jan.15	285·7	269·1	July 30	292·6	*292·0*	- 1·2	432	+79
1104	Salta	24 46	65 28	1182	881·7	1010·9	+ 0·2	296·9	308·3	Nov.30	284·0	267·7	July 31	290·4	290·2	- 0·4	684	-24
1105	Goya	29 9	59 15	37	1010·0	1014·3	+ 1·1	300·1	313·3	Jan.14	288·2	273·5	July 30	294·1	*293·5*	+ 0·6	1500	+430
1107	Asuncion	25 17	57 41	93	1003·6	1014·4	+ 2·0	301·6	314·2	Jan.8	291·4	276·1	July 22	296·5	*295·8*	+ 0·3	1357	-28
1108	Curityba	25 25	49 17	908	914·0	1015·6	- 0·2	296·3	304·7	Jan.21	285·7	272·4	June 27	290·5	*289·6*	+ 0·3	1434	+37
1109	Rio de Janeiro	22 54	43 10	18·3	1013·0	1015·1	+ 0·1	300·1	308·6	Sept.14	293·3	286·3	July 25	296·7	296·2	+ 0·5	880	-218
1110a	25°-30°S. 50°-45°W.	††27 39	††47 49	§(484-500)	..	1016·3	..	..	..	Sea Temp. 294·5|-0·2	..	..	..	..	294·4	..	..	..
1138	Windhoek	W. 22 34	E. 17 6	1727	831·5	1013·5	..	298·5	306·9	Dec.20	285·3	273·8	Aug.12	291·9	*291·3*	- 0·2	324	-53
1140	O'Okiep	29 36	17 52	933	912·3	1016·6	+ 0·5	297·2	311·9	Jan.1	284·3	273·4	Sept.2	290·8	*290·3*	+ 0·5	77	-93
1141	Kimberley	28 44	24 46	1218	..	..	..	299·4	312·4	Dec.18	283·7	271·3	June 30, Jly. 28, Aug. 1	291·6	*291·1*	+ 0·6	334	-76
1142	Johannesburg	26 11	28 4	1806	825·3	1017·2	+ 0·4	294·7	304·6	Dec.17	283·2	270·3	June 29	288·9	*288·5*	+ 0·5	750	-94
1143	Bulawayo	20 9	28 36	1349	870·1	1015·7	+ 0·1	299·3	308·8	Oct.14	285·9	273·9	July 27,28	292·6	*292·1*	+ 0·5	525	-79
1163	Durban	29 52	31 3	15·2	1016·8	1018·6	- 0·3	297·7	304·6	Jan.24,Feb.6	290·6	283·2	Sept.3	294·1	*293·6*	+ 0·2	927	-156
1166	Lourenco Marques	25 58	32 36	59·0	..	1017·9	+ 0·6	300·4	315·2	Nov.11	290·6	282·0	Aug.4	295·5	294·9	- 0·1	785	- 9
1167	Mauritius	20 6	57 33	55·2	1010·0	1016·4	+ 0·3	299·5	306·3	Jan.21	292·8	285·4	June 13	296·2	295·9	- 0·1	1406	+145
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see page 113.

YEAR – ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date	Temperature. Mean of A and B.	Temperature. †24 hr. Mean *	Temperature. Diff. from Normal	Precipitation. Total	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	§Onslow	21 43	114 57	4·3	1009·6	1010·0	- 1·6	304·7	319·4	Mar.2	291·1	280·8	July 21	297·9	..	+ 0·4	106	-126
1160	§Cue	27 27	117 52	454	962·9	1014·0	+ 0·4	301·6	316·8	Dec.28	287·4	275·0	May 11	294·5	..	0·0	198	-30
1161	§Nullagine	21 53	120 5	386	..	..	..	306·7	318·1	Jan.9	288·9	271·0	July 26	297·8	..	+ 0·3	313	-22
1162	§Laverton	28 40	122 23	466	962·0	1014·5	- 0·7	301·9	316·9	Dec.31	286·3	272·4	July 15	294·1	*294·0*	+ 0·9	65	-178
1163	§Alice Springs	23 38	133 37	587	947·4	1012·5	- 0·2	303·2	316·6	Dec.22	287·8	269·1	July 7	295·4	*295·4*	+ 1·5	60	-213
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	§Boulia	22 55	139 38	146	994·5	1011·1	- 0·6	305·3	317·4	Dec.22	290·7	275·9	July 26	298·0	*298·0*	+ 0·9	70	-192
1165	§Thargomindah	27 58	143 43	123	999·2	1013·4	- 0·5	305·2	318·6	Dec.22	288·4	272·0	June 23	295·3	*295·0*	+ 0·7	94	-178
1166	§Mitchell	26 32	147 52	336	976·0	1014·0	- 0·4	300·6	314·1	Oct.22	285·1	270·2	July 8	292·8	..	+ 0·5	578	-18
1167	§Rockhampton	23 24	150 30	11·3	1012·9	1014·4	- 0·1	301·1	311·0	Oct.23	290·1	277·0	July 31	295·6	..	- 0·2	1396	+376
1168	§Brisbane	27 28	153 2	41·8	1011·3	1015·9	0·0	298·6	312·4	Nov. 9	288·7	277·7	June 9	293·6	*292·9*	+ 0·1	1336	+184
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1015·6	1017·6	+ 1·2	294·5	303·3	Feb.28	..	..	..	..	..	..	1286	-106

YEAR – ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 50 W.	345	978·4	1019·4	..	288·3	297·3	Feb.17	283·1	277·0	July 11	285·7	*285·1*	..	1253	..
1221a	Punta Tumbes	36 37	73 6	120	..	..	..	..	..	..	..	275·5	July 13	..	..	..	824	+396
1222	§Punta Angeles, Valparaiso	33 1	71 38	41	1012·3	1017·2	+ 1·0	291·3	299·9	Dec.8	283·8	277·2	June 26	287·5	*287·4*	+ 0·1	481	-25
1222a	§Santiago	32 27	70 42	520	955·5	1016·0	+ 0·4	294·8	306·0	Feb.22	290·4	270·0	June 25	287·8	*286·7*	+ 0·1	340	+138
1223	Cordoba	31 25	64 12	423	965·0	1013·9	+ 0·5	297·2	312·8	Jan.14	283·3	268·0	July 30	290·3	289·7	- 0·2	838	-258
1224	Bahia Blanca	38 45	62 15	25	1011·8	1014·8	+ 0·5	295·6	313·5	Dec.28	281·8	266·4	July 29	288·7	*289·4*	0·0	311	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·1	1016·1	+ 0·6	294·7	308·4	Jan.6	284·4	270·2	July 30	289·5	289·4	+ 0·3	987	+441
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1015·6	+ 1·3	..	305·6	Nov.25,29	..	274·5	July 31	..	*289·4*	- 0·6	898	-207
1226a	Porto Alegre	30 2	51 13	23·5	1012·8	1015·6	0·0	297·3	311·2	Jan.14	288·3	271·7	July 31	292·8	292·4	+ 0·3	1611	+378
1226b	30°-35°S. 55°-59°W.	††32 48 W.	††51 46 W.	§(447-463)	..	1016·4	..	..	..	Sea Temp. 290·8 | -0·3	..	..	..	..	290·9	..	..	..
1239	Cape Town	33 56	E. 18 29	12·2	1017·2	1018·7	+ 2·0	295·0	311·0	Mar.8	285·4	274·2	June 4	290·2	*289·8*	+ 0·4	425	-211
1240	Danger Point	34 37	19 18	27·7	1015·4	1018·7	+ 2·4	292·2	306·3	Dec.2	285·6	276·9	Sept.3	288·9	..	+ 0·1	308	-338
1241	Riversdale	34 6	21 16	61·0	..	..	..	297·5	312·7	Dec.1	283·1	271·9	July 8	290·3	..	0·0	490	+54
1242	East London	33 2	27 55	44·8	1012·7	1018·0	+ 0·9	295·7	307·4	Apr.24	287·2	278·6	Jun.23,Aug.30	291·4	..	+ 0·2	823	+178
1250	§Perth (Observatory)	31 57	115 51	60·0	1009·9	1016·1	- 0·4	295·9	311·1	Dec.30	285·9	277·3	July 12	290·9	*290·7*	0·0	1140	+587
1260	§Katanning	33 42	117 35	310	979·3	1015·4	- 0·7	295·1	312·8	Dec.30	282·2	273·0	Sept.5	288·7	..	+ 0·2	471	-2
1261	§Coolgardie	30 57	121 10	423	966·8	1015·2	- 0·5	298·6	317·9	Feb.29	283·4	272·4	July 15	291·0	*290·9*	- 0·1	176	-352
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	-68
1263	§Streaky Bay	32 48	134 13	13·1	1015·1	1016·7	- 0·4	296·2	314·7	Jan.15	284·9	274·1	Aug.2	290·6	*290·0*	+ 0·3	326	-41
1264	§Adelaide	34 56	138 35	42·7	1011·2	1016·2	- 0·8	295·9	315·6	Jan.15	285·0	274·9	Aug.1	290·4	*290·1*	+ 0·2	404	-34
1265	§Melbourne	37 49	144 58	35·1	1011·3	1015·5	- 0·8	293·2	313·0	Jan.11	283·5	272·8	June 21	288·4	*288·1*	+ 0·7	613	-133
1266	§Bourke	30 13	145 58	110	1004·2	1017·0	0·0	301·4	316·3	Dec.22	286·8	271·9	June 23	294·1	..	+ 0·4	209	..
1267	§Sydney	33 51	151 13	42·1	1010·2	1015·2	- 0·6	295·4	311·1	Jan. 1	287·0	278·0	July 31	291·2	*290·6*	+ 0·9	1019	-197
1268	Lord Howe Island	31 20	159 0	4·9	1016·1	1016·7	+ 0·2	295·1	300·8	Feb.21	289·6	280·1	Aug.1	292·3	..	+ 0·2	1600	-72
1271	Auckland	36 50	174 50	13·4	..	1015·4	+ 0·1	292·1	302·4	Feb.12	285·8	276·3	Aug.10	288·8	..	+ 0·7	1505	+361
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	291·3	303·3	Feb.11	283·6	271·9	June 26	287·4	..	+ 0·2	923	+24

YEAR – ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	S. 43 57	W. 176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·9	1016·9	+ 1·7	283·9	302·2	Jan.27	279·3	273·3	July 27	281·6	*282·2*	- 0·5	1492	+436
1322	Punta Galera	40 1	73 44	40	1012·8	1017·7	+ 1·2	286·5	296·0	Jan.26	282·0	275·4	July 19	284·3	*284·3*	+ 0·1	2204	+67
1323	Sarmiento	45 34	69 0	272	979·2	1011·9	+ 1·3	287·6	309·9	Jan.1	277·7	256·6	June 27	283·4	283·1	- 0·6	157	+24
1324	Puerto Madryn	42 49	W. 64 58	14	1010·8	1012·8	+ 1·1	292·9	309·5	Jan.30	278·3	263·4	June 28	285·6	286·4	- 0·1	183	..
1365	§Launceston	41 27	E.147 10	10·1	1010·7	1011·8	- 1·6	291·1	308·6	Jan.11	281·1	270·3	June 29	286·1	*285·3*	+ 0·4	753	+39
1366	§Hobart	42 53	147 20	53·9	1005·0	1011·5	- 0·9	290·1	311·4	Jan.11	281·7	273·4	Sept.22	285·9	*285·1*	+ 0·5	770	+165
1370	Invercargill	46 25	168 21	3·7	..	..	..	288·6	303·0	Feb14	279·2	269·7	June 17	283·9	..	+ 0·9	1110	-58
1371	Dunedin	45 52	170 31	6·1	..	1012·8	+ 0·7	288·7	301·3	Feb.17	280·2	271·3	May 25	284·4	..	+ 1·0	766	-220
1371a	Christchurch	43 31	172 39	7·6	..	1012·9	+ 0·8	289·3	306·5	Feb.17	280·4	270·6	June 4	284·8	..	+ 0·4	602	-36
1372	Wellington	41 16 S.	174 46 E	128	..	1014·0	0·0	288·9	299·2	Feb.5	282·6	275·3	Aug.26	285·8	..	- 0·2	1402	+150

YEAR – ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	S. 52 24	W. 75 6	55	997·6	1004·3	+ 1·9	280·6	295·1	Jan.29	277·0	271·0	July 27	278·8	*279·3*	0·0	2899	-133
1422	Magallanes (Punta Arenas)	53 10	70 54	28	999·6	1003·0	+ 0·3	282·8	294·3	Jan.29	276·6	267·0	June 25	279·7	*279·8*	+ 0·3	208	-771
1423	Punta Dungeness	52 24	68 26	5	1001·5	1002·1	+ 0·5	..	..	..	277·1	268·9	July 12	..	*280·0*	- 0·1	154	..
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	263·0	June 28	..	..	..	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·9	..	1000·9	- 1·3	282·5	291·9	Jan.5	274·4	264·7	June 26	278·5	..	- 0·2	505	-84
1426	Cape Pembroke	51 41	57 42	21·3	999·0	1001·6	- 0·4	281·3	290·2	Jan.1	275·6	266·9	June 25	278·5	278·7	- 0·3	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 33 W.	4	..	..	..	..	..	..	..	258·8	June 30	..	..	..	..	..

YEAR – ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	7	992·2	993·0	+ 0·3	269·4	278·8	Feb.21	262·3	256·6	June 29	265·8	266·3	- 2·2	368	-45
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ¢Change of normals, see pages 113 and 114.

RÉSEAU MONDIAL, 1928

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1928, AND THE PERIOD OF THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULAE FOR MEANS, ETC.

Between Latitude 80°N. and 70°N. P = Barometric Pressure. T = ½(M+m) Temperature. t = True Mean Temperature. R = Precipitation. ZONE 1.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
105	Barrow	Washington, D.C., U.S. Dept. Agric. Climatological Data, Alaska Section, 1928.	P, 1921-30. T, R, 10 yrs., 1917-30.	c P (Jan.to Aug.) = 19h. P (Sept.to Dec.) = ½(8+20).
125	Upernivik	Copenhagen, Dansk Meteor. Aarbog, 1928.	P, 1874-1920. t, R, 1873-1920.	e P = ½(8+14+21). t = ⅓[2(8+14)+5x21].
131	‡Myggbukta	MS. data supplied by Norweg. Meteor. Inst., Oslo.	..	kl P = ½(8+14+19). t derived from ½(2+8+14+19). 15°E. meridian time.
132 135	Scoresbysund Jan Mayen	See No. 125. Oslo, Jahrb. d. Norweg. Meteor. Inst., 1929.	.. P, t, R, 10 yrs., 1921-31.	e P = ½(8+14+21). t = ⅓[2(8+14)+5x21]. cek P = ½(2+8+14+19). t = n - k (n-min.) where n is the mean of the three fixed daily observations, and k is a factor varying with the station and month.
139	Spitsbergen (Green Harbour)	Do. do.	P, t, R, 1912-26.	ce P = ½(8+14+19). t = mean of 24 hrs. Absolute maxima taken from hourly readings.
140 141	Björnöen Ingøy	Do. do. Oslo, Jahrb. d. Norweg. Meteor. Inst., 1928.	P, t, R, 1920-29. P, t, R, 1922-31.	cek P = ½(8+14+19). t, see Jan Mayen, No. 135. ek P = ½(8+14+19). 15°E. meridian time. t, see Jan. Mayen No. 135. Pressure values, Aug.to Dec., Yr. have been reduced to height of 7·5m.
142	Sletnes	Do. do.	P, 25 yrs., 1898-1923.	ek P = ½(8+14+19). 15°E. meridian time. t, see Jan Mayen, No. 135.
143 147	Vardö Malye Karmakouly	Do. do. MS. data supplied by Centr.Géophys. Obs., Leningrad.	P, 1866-1921. t, 1861-1920. R, 1893-1928. P, 16 yrs., 1896-1920. t, 39 yrs., 1876-1928. R, 15 yrs., 1896-1925.	ek Do. do. e P = ½(7+13+21). t derived from these hours.
148	Waigatz	Do. do.	P, 10 yrs., 1916-28. t, 10 yrs., 1915-26. R, 10 yrs., 1915-27.	e Do. do.
153 152	Dickson Bouloune	Do. do. ..	P, t, R, 10 yrs., 1916-27. ..	e Do. do. ..

Between Latitude 70°N. and 60°N. ZONE 2.

201 203	Preobrajenye Nome	.. Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1928 and Rep. of Chief of Weather Bureau, 1928-9.	.. P, 1918-28. T, R, 19 yrs.	.. cq P (Jan.to July) = ½(6+18). P (Aug.to Dec.) = ½(6+17). t (Jan.to July) = ¼(6+18+M+m). t (Aug.to Dec.) = ¼(6+17+M+m).
204	Bethel	Washington, D.C., U.S.Dept. Agric., Climatological Data, Alaska Section, 1928.	..	..
205	Tannana	See No. 203.	P, 1918-28. T, R, 25 yrs.	cq P = ½(7+18½). t = ¼(7+18½+M+m).
206	Rampart	See No. 204.	T, R, 19 yrs.	..
207	Valdez	Do.	..	..
208	Eagle	See No. 203.	P, 1917-27. T, 25 yrs., 1882-1926. R, 25 yrs., 1882-1923.	cq P = ½(8+20). t = ¼(8+20+M+m).
209	Dawson	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1928.	P, 25 yrs., 1901-26. T, R, 1897-1926.	bceq Do. do.
210 211	Mayo Landing Fort Good Hope	Do. do. Do. do.	.. P, 15 yrs., 1915-31. T, 1908-28. R, 1898-1922.	bce P = ½[3½+15½). t = ¼(3½+15½+M+m). be P = ½(8+16½).
212	Fort Simpson	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1928 and Washington, Smiths. Inst. Misc. Coll., 90, 1934.	P, 15 yrs., 1909-27. T, R, 1897-1927.	be P = ½(8+17½).
213 225	Hay River Jacobshavn	See No. 209. Copenhagen, Dansk Meteor. Aarbog, 1928.	P, 1909-22;'25. T, R, 1893-1928. P, t, R, 1873-1920.	be P = ½(8+17½). e P = ½(8+14+21). t = ⅓[2(8+14)+5x21]. t = ⅓[2(8+14)+5x21]
226 227	Godthaab Ivigtut	Do. do. Do. do.	t, 1875-1920. R, 1873-1917. P, 1878-1920. t, 1879-1920. R, 1875-1920.	e P = ½(8+14+21). t = ⅓[2(8+14)+5x21].
229	Angmagsalik	Do. do.	P, t, 35 yrs., 1894-1930. R, 25 yrs., 1897-1923.	e Do. do.
231	Stykkisholm	Reykjavik Månadaryfirlit samid á vedurstofunni, 1928.	P, 1845-1923. t, 1846-1900. R, 1856-1923.	c Do. do.
232 233	Vestmanno Grimsey	Do. do. Do. do.	P, 1881-1923. t, 1878-1916. R, 1880-1923. P, 1874-1918; '20-23. t, 1875-1916. R, 42 yrs., 1874-1923.	c Do. do. c Do. do.
233a 234 235 236	Akureyri Teigarhorn Hjúvig Lerwick	Do. do. Do. do.	P, 1874-1918; '20-23. t, 1920-29. P, 1872-1923. t, 1873-1916. R, 1873-1923. P, 1872-1920. T, R, 1873-1922. P, 1871-1915. T, R, 1881-1915.	c P = ½(6+13+16). t = ¼[2(8+14)+5x21]. e P = ½(8+14+21). t = ¼[2(8+14)+5x21]. e Do. do. c P, t = ½(1+7+13+18).
237	Bergen (Met. Obs.)	See No. 225. London, Monthly Weather Rep. of Meteor. Office, 1928.	P, (1860-1926). t, 1904-28. R, 1765-70; 1861-1921.	e P = ½(8+14+19). 15°E. meridian time. t, see Jan Mayen, No. 135.
238	Aalesund	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1928 and MS. data.	P, (1851-1900). t, 1861-1920. R, 43 yrs., 1867-1926.	ek Do. do.
239 240	Trondhjem Bodö	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1928. See No. 237.	P, 1874-1913. t, 1861-1920. R, 1876-1925.	ce P = ½(8+14+19). t, see Jan Mayen, No. 135.
241	Haparanda	See No. 238.	P, R, 1868-1920. t, 1861-1920.	cek P = ½(8+14+19). t, see Jan Mayen, No. 135. Pressure values Sept.to Dec., Yr., reduced to old height of 22·3m.
242	Helsingfors	Stockholm, Statens Meteor.-Hydrogr. Anstalt, Arsbok X, 1928.	P, 1860-1920. t, 1859-1920. R, 1860-1924.	e P = ½(8+14+21). 15°E. meridian time. t derived from these hours.
242a	Kuopio	Helsingfors, Jahrb. Meteor. Zentral-Anst., Pt. I, 1928.	P, 1882-1920. t, 1829-1923. R, 1844-1924.	ce P = mean of 24 hrs. t derived from ½(7+15+2x21).
		Do. do.	P, 1884-1928. t, 35 yrs., 1884-1919. R, 1886-1920.	ce P = ½(7+15+21). t derived from ½(7+15+2x21).

‡Interpolated values for missing months are published in Le Climat de l'Eirik-Randes-Land by B.J. Birkeland et Georg Schow, Oslow, Skrifter om Svalbard og Ishavet. No. 51.

Zone 2-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115.
243	Kola	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, 47 yrs., 1871-1920. ☿, 1876-1908;'10-15. R, 35 yrs., 1878-1915.	e P = ¼(7+13+21). ☿ derived from these hours.
244	Petrozavodsk	Do. do.	P, (1851-1917). ☿, 55 yrs., 1857-1915. R, 35 yrs., 1870-1925.	e Do. do.
245	Arkhangelsk	..	..	..
246	Mezen	See No. 243.	..	..
247	Oust-Tsylma	Do.	P, 1871-1908. ☿, 1883-1922. R, 1883-1923.	e P = ¼(7+13+21). ☿ derived from these hours.
248	Tcherdyn	..	P, 26 yrs., 1890-1922. ☿, 35 yrs., 1890-1930. R, 35 yrs., 1889-1930.	e Do. do.
249	Berezov	..	..	..
250	Obdorsk	See No. 243.	..	..
251	New Port	Do.	P, 35 yrs., 1887-1926. ☿, 36 yrs., 1882-1922. R, 35 yrs., 1882-1924.	e P = ¼(7+13+21). ☿ derived from these hours.
252	Sourgout	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	..	☿ derived from ¼(7+13+21).
253	Doudinka	..	P, 35 yrs., 1887-1924. ☿, 37 yrs., 1884-1922. R, 35 yrs., 1884-1923.	e P = ¼(7+13+21). ☿ derived from these hours.
254	Touroukhansk	See No. 252.	..	..
261	Viliouisk	..	P, (1871-95). ☿, 35 yrs., 1843-44;'77-1920. R, 35 yrs., 1877-1922.	s P = ¼(7+13+21). ☿ derived from these hours.
262	Iakoutsk	See No. 252.	..	..
263	Verkholansk	Do.	P, 33 yrs., 1888-1926. ☿, 35 yrs. 1888-1924 R, 35 yrs., 1837-1918.	e P = ¼(7+13+21). ☿ derived from these hours.
264	Pétropavlovskoe	..	P, 15 yrs., 1901-20. ☿, 35 yrs., 1883-1928. R, 25 yrs., 1886-1916.	e Do. do.
268	Naiakhan	..	..	..
271	Novo Mariinskii Post	See No. 252.	..	..
			P, 13 yrs., 1898-1927. ☿, 16 yrs. 1898-1927 R, 15 yrs., 1898-1927.	e P, ☿ = ⅓(7+13+21).

ZONE 3.

Table showing the Authorities for the Meteorology of the Globe between Latitude 60°N. and 50°N.

301	Atka	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1928.	..	..
302	St. Paul Island	Do. do.	P, 10 yrs., 1917-27. T, 15 yrs. R, 23 yrs.	c P = ½(6+18).
303	Dutch Harbor (Radio)	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1928 and Rep. of Chief of Weather Bureau, 1928-9.	P, 10 yrs., 1917-27. T, 25 yrs., 1872-86; 1905-25.	cq P, ☿ (Jan.to June, Oct.to Dec.) = ½(2+14). P, ☿ (July to Sept.) = ½(1+13).
304	Chernofski Harbor	See No. 301.	..	..
305	Dillingham	Do.	T, 10 yrs., 1919-29. R, 10 yrs., 1919-30.	..
306	Kodiak (Radio)	See No. 303.	P, 10 yrs., 1918-28. T, 1917-27. R, 25 yrs., 1898-1930.	cq P, ☿ (Jan.to July) = ½(3+15). P, ☿ (Aug.to Dec.) = ½(2+14).
309	Sitka	See No. 301.	T, 43 yrs. R, 61 yrs., 1842-1921.	..
310	Prince Rupert	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1928.	P, 1911-25. T, 1909-23. R, 1910-24.	be P = ½(5+17). ☿ = ¼(5+17+M+m). 120°W. meridian time.
311	Barkerville	Do. do.	P, 1899-1924. T, 1888-1923. R, 1888-1925.	bce P = ½(5+17). ☿ = ¼(5+17+M+m).
312	Kamloops	Do. do.	P, 1911-30. T, 35 yrs., 1891-1927. R, 1895-1929.	ce P = ½(4½+16½). ☿ = ¼(4½+16½+M+m).
313	Calgary	Do. do.	P, 1894-1928. T, 1884-1923. R, 1884-1920.	ber P = ½(5½+17½). ☿ = ¼(5½+17½+M+m).
314	Fort Chipewyan	Do. do.	P, 15 yrs., 1910-28. T, R, 1884-1928.	be P = ½(8+18). ☿ derived from ½(M+m).
315	Prince Albert	Do. do.	P, 1897-1921. T, 1885-1925. R, 1884-1920.	bce P = ½(6+18). ☿=¼(6+18+M+m).
316	Qu'Appelle	Do. do.	P, 1892-1926. T, R, 1883-1920.	be P = ½(6+18). ☿ derived from ¼(6+18+M+m). "b" refers to Jan.to Mar., May to Dec.
317	Minnedosa	Do. do.	P, 1895-1919. T, 35 yrs. R, 1883-1917.	e P = ½(7+19). ☿ = ¼(7+19+M+m). 90°W. meridian time.
318	Berens River	Do. do.	T, 25 yrs. R, 1886-1920.	..
318a	Port Nelson	Do. do.	P, 10 yrs., 1915-25. T, R, 1915-29.	ben P = ½(7½+18½).
319	Pagwa	Do. do.	T, R, 1918-30.	..
320	Moose Factory	Do. do.	P, 1891-1920. T, 35 yrs., 1890-1926. R, 1895-1927.	be P = ½(9+14+19).
321	Fort George	..	..	..
322	Mistassini Post	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1928, and Washington, Smiths. Inst. Misc. Coll., 90, 1934.	T, R, 1894-1900;'14-28.	..
324	Natashquan	Do. do.	T, R, 15 yrs., 1914-30.	..
326	Belle Isle	MS. data supplied by Toronto Meteor. Service.	P, 1900-09;'11-13;'17-18. T, 35 yrs., 1888-1923. R, 35 yrs.	P = ½(8½+20½). ☿ = ¼(8½+20½+M+m).
333a	62°-57°N. 20°-15°W.	MS. data supplied by Danske Meteor. Inst., Copenhagen, and Meteor. Office, London.	Sea Temperature, 1876-1915.	Insufficient data Jan.
334	Valentia Observatory	London, Observatories' Year Book, 1928.	P, ☿, 1871-1915. R, 1871-1920.	P, ☿ = mean of 24 hrs.
335	Aberdeen	Do. do.	P, ☿, 1871-1915. R, 1871-1920.	Do.
336	Greenwich	London, Monthly Weather Rep. of Meteor. Office, 1928.	P, 1854-1920. ☿, R, 1881-1915.	Do.

ZONE 3-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
337	Uccle	MS. data supplied by Inst. Roy. Meteor. de Belgique.	P, 1833-1904. T, 1886-1920. R, 1887-1926.	e P = mean of 24 hrs. ☿ = mean of bi-hourly observations.
338	De Bilt	Utrecht, K. Nederlandsch Meteor. Inst., Jaarboek, 1928.	P, R, 1849-1920. ☿, 1849-1929.	ae P, ☿ = mean of 24 hrs.
338a	Hamburg	Hamburg, D. Seewarte, Ergebn. der Meteor. Beob.,1928.	P, ☿, R, 80 yrs.	e P = ⅓(8+14+20). ☿ (May to Aug.) = ¼(8+20+M+m). Sept. to Apr. = ⅒[5(8+20) +2x14].
339	Copenhagen (Meteor. Inst.)	Copenhagen, Dansk Meteor. Aarbog, 1928.	P, 1842-1917. ☿, 1768-76;'82-88;'98-1920. R, 1820-1920.	e P = ⅓(8+14+21). ☿ derived from these hours. Temp. and rainfall data refer to the Landbohøjskolen, 55°41'N. 12°33'E. 13m.
340	Potsdam	Berlin, Ergebn. d. Meteor. Beob. in Potsdam, 1928.	P, 1851-1916. ☿, 1893-1927. R, 1877-1916.	e P, ☿ = mean of 24 hrs.
340a	Uppsala	Uppsala, Bull. Mens. de l'Obs. Météor., 1928.	P, 1860-1920. ☿, 1855-1920. R, 1851-1924.	e P, ☿ = mean of 24 hrs.
341	Warsaw	Warsaw, Ann. de l'Inst. Météor., Pologne, 1928.	P, 1885-1920.	e P = ½(7+13+21). ☿ = ¼(7+13+2x21).
342	Tartu (Ülikooli)	Tartu, Meteor. Jahrb. für Eesti, 1928.	P, ☿, R, 1866-1915.	e P, ☿ = mean of 24 hrs.
343	Leningrad	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, ☿, 1871-1915. R, 90 yrs., 1778-97; 1835-1915.	e P = ½(7+13+21). ☿ derived from these hours.
344	Kiiv	..	..	..
344a	Moscow	See No. 343.	P, 1871-1915. ☿, 1881-1915. R, 61 yrs., 1853-1915.	e P = ½(7+13+21). ☿ derived from these hours.
345	Saratov	Do.	P, (1851-1900). ☿, 52 yrs., 1836-1915.	e Do. do.
346	Kazan	Kazan, Bull. Météor. de l'Obs. de Geophys. de l'Univ., 1928.	P, ☿, 1881-1915. R, 1876-1925.	e Do. do.
347	Orenburg	See No. 343.	P, ☿, 1886-1920. R, 37 yrs., 1885-1922.	e Do. do.
348	Perm	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, 1885-1922. ☿, 1883-1922. R, 35 yrs., 1882-1917.	e Do. do.
349	Sverdlovsk	Do. do.	P, ☿, 1881-1915. R, 1836-1922.	e Do. do.
350	Tobolsk	Do. do.	P, 35 yrs., 1887-1927. ☿, 35 yrs., 1884-1924. R, 42 yrs., 1841-1922.	e Do. do.
351	Akmolinsk	Do. do.	P, 25 yrs., 1896-1927. ☿, 35 yrs., 1881-1923. R, 36 yrs., 1873-1919.	e Do. do.
352	Omsk	Do. do.	P, 35 yrs., 1887-1930. ☿, 35 yrs., 1885-1927. R, 35 yrs., 1875-1923.	e Do. do.
353	Barnaoul	Do. do.	P, ☿, 1881-1915. R, 81 yrs., 1838-1922.	e Do. do.
354	Tomsk	Do. do.	P, ☿, 1881-1915. R, 45 yrs., 1874-1922.	e Do. do.
355	Minousinsk	Do. do.	P, 35 yrs., 1889-1926. ☿, 35 yrs., 1885-1923. R, 35 yrs., 1874-1926.	e Do. do.
356	Kniseisk	Do. do.	P, 35 yrs., 1889-1925. ☿, 1881-1915. R, 48 yrs., 1871-1922.	e Do. do.
357	Irkutsk	Do. do.	P, 1881-1926. ☿, 1881-1920. R, 1887-1921.	e Do. do.
358	Kirensk	Do. do.	P, 25 yrs., 1896-1924. ☿, 35 yrs., 1892-1929. R, 27 yrs., 1892-1922.	e Do. do.
359	Tchita	Do. do.	P, ☿, 35 yrs., 1890-1929. R, 25 yrs., 1887-1915	e Do. do.
360	Nertchinskii Zavod	Do. do.	P, ☿, 1881-1918. R, 74 yrs., 1839-1919.	e Do. do.
361	Tygan Ourkan	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	See No. 348.	P, 25 yrs., 1890-1921. ☿, 35 yrs., 1881-1921. R, 35 yrs., 1877-1926.	e P = ⅓(7+13+21). ☿ derived from these hours.
364	Chanter Bolchoy	..	..	..
365	Nikolaevsk-sur-Amour	See No. 348.	P, 47 yrs., 1871-1919. ☿, 60 yrs., 1854-1919. R, 51 yrs., 1860-1919.	e P = ⅓(7+13+21). ☿ derived from these hours.
366	Okhotsk	Do.	P, ☿, 15 yrs., 1890-1919. R, 25 yrs., 1846-1929.	e Do. do.
368	Petropavlovsk (Phare)	Do.	P, 25 yrs., 1891-1930. ☿, 25 yrs., 1890-1922. R, 35 yrs., 1846-1928.	e Do. do.
369	Kluchevskoye	..	..	..
370	Nikolskoe	..	..	..

Table showing the Authorities for the Meteorology of the Globe between Latitude 50°N. and 40°N.

ZONE 4.

411	Victoria, B.C.	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1928.	P, 1900-24. T, R, 1891-1925.	ce P = ½(5+17). ☿ = ¼(5+17+M+m).
411c	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1927-8 and Monthly Weather Rev., 1928.	P, T, 1873-1923. R, 1871-1922.	nq P, ☿ = ½(8+20) reduced to mean of 24 hrs.
413	Macleod	See No. 411.	T, 25 yrs., 1895-1921. R, 25 yrs., 1895-1920.	☿ derived from ½(M+m).
414	Helena	See No. 412.	P, 1882-1923. T, R, 1880-1923.	nq P, ☿ = ½(8+20) reduced to mean of 24 hrs.
414m	Salt Lake City	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
415	Cheyenne	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
416	North Platte	Do.	P, T, 1875-1923. R, 1874-1922.	nq Do. do.
416m	Bismarck	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
417	Winnipeg	See No. 411.	P, R, 1886-1920. T, 1873-1920.	ce P = ½(7+14+19). ☿ = ¼(7+19+M+m).
418	Duluth	See No. 412	P, see current data. T, 1904-28. R, 1871-1923.	n P, ☿ = ½(8+20) reduced to mean of 24 hrs.
419	Fort Arthur	See No. 411.	P, 1900-24. T, 38 yrs. R, 1881-1915.	bce P = ½(7+19). ☿ = ¼(7+19+M+m).
420	Chicago	See No. 412.	P, see current data. T, 1873-1923. R, 1871-1923.	n P, ☿ = ½(8+20) reduced to mean of 24 hrs.
421	Toronto	See No. 411.	P, 1886-1921. T, 1873-1920. R, 1874-1920.	ce P = ½(8+20). ☿ = ¼(8+20+M+m).
422	New York (Central Park)	New York, Rep. of Meteor. Obs., Central Park, 1928.	P, 51 yrs., 1868-1920. ☿, R, 60 yrs., 1868-1929.	enq P = ⅓(7+14+21). ☿ = mean of 24 hrs.
423	St. John, N.B.	See No. 411.	P, 1902-26. T, 45 yrs. R, 1861-1910.	ce P = ⅓(9+15+21). ☿ = ¼(9+21+M+m).
424	S.W. Point, Anticosti	Do.	P, T, R, 1882-1920.	bce P = ⅓(8½+15½+20½). ☿ = ¼(8½+20½+M+m).

Zone 4-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
424a	Sable Island(Main Station)	See No. 411.	P, R, 35 yrs., 1891-1927. T, 25 yrs., 1898-1923.	bce P = ⅓(9+14+21). ☪ = ¼(9+21+M+m).
425	Port aux Basques	Do.	P, T, R, 1909-23.	
426	St. John's, Newfoundland	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, 35 yrs., 1886-1921. T, 1872-1920. R, 1874-1920.	ce P = ⅓(9+21). ce P = ⅓(9+21).
435	Madrid	Madrid, Res. Obs. efect. en las Estaciones del Servicio Meteor. Español, 1928.	P, T, 1901-25. R, 25 yrs., 1901-26.	e P = ⅓(7+13+18). ☪ derived from these hours.
436	Nantes	Paris, Bull. Mens. de l'Office National Météor. de France, 1928 and MS. data.	P, ☪, R, 1881-1920.	e P, ☪ = mean of 24 hrs.
437	Paris (Parc St. Maur)	Do. do.	P, ☪, 1874-1923. R, 1820-1910.	e Do.
438	Marseille	Marseille, Commission de Météor. du Bouches du Rhône, Bull. Ann., 1928, 1929.	P, ☪, R, 1871-1920.	P = ⅓(7+12+18). ☪ derived from these hours.
438a	Zürich	Zürich, Ann. Schweiz. Meteor. Zentralanst, 1928.	P, ☪, R, 1864-1920.	e P, ☪ = mean of 24 hrs.
439	Rome	MS. data supplied by R. Uff. Centr. Meteor. e Geodin, Rome.	P, 1858-1924. ☪, 1811-23;'25-1924. R, 1782-1924.	c P = ⅓(9+15+21). ☪ derived from ¼(9+21+M+m).
440	Vienna	MS. data supplied by Zentralanst. für Meteor. und Geodyn., Wien.	P, R, 1851-1920. ☪, 1775-1920.	e P, ☪ = mean of 24 hrs.
440a	Budapest	Budapest, Witterungsber. von Ungarn, 1928.	P, R, 1871-1920. ☪, 1871-1930.	e Do.
441	Sofia	Sofia, Bull. Mens. de l'Inst. Météor. de Bulgarie, 1928.	P, 1918-32. ☪, R, 1892-1926.	e P = ⅓(7+14+21). ☪ = ¼(7+14+2x21).
442	Bucharest	Bucuresti, Bul. Lunar al Obs. Meteor. din Romănia, 1928.	P, 1881-1924. ☪, 1857-1924. R, 1864-1924.	e P, ☪ = mean of 24 hrs.
443	Odessa (Observatory)	Odessa, Bull. Obs. Geophys., 1928 and MS. data.	P, ☪, 1881-1922. R, 69 yrs., 1841-1915.	e P = ⅓(7+13+21). ☪ derived from these hours.
444	Kharkiv (University)	..	..	..
444a	Novorossiisk	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, 38 yrs., 1881-1922. ☪, 1891-1925. R, 1892-1914;'16-27.	e P = ⅓(7+13+21). ☪ derived from these hours.
445	Tiflis	MS. data supplied by Obs. Géophys. de la Géorgie, Tiflis.	P, 1881-1922. ☪, 1881-1915. R, 78 yrs., 1844-1922.	P = ⅓(7+13+21). ☪ = mean of 24 hrs.
446	Astrakhan	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, ☪, 1881-1915. R, 1846-1915.	e P = ⅓(7+13+21). ☪ derived from these hours.
447	Fort Alexandrovsk	Do. do.	P, 25 yrs., 1882-1925. ☪, 35 yrs., 1882-1918. R, 47 yrs., 1848-1922.	e Do. do.
448	Krasnovodsk	Do. do.	P, 35 yrs., 1883-1923. ☪, 35 yrs., 1883-1922. R, 35 yrs., 1870-1924.	e Do. do.
449	Kasalinsk	MS. data supplied by Meteor Inst., Tashkent.	☪, 35 yrs., 1855-1921. R, 35 yrs., 1862-1906.	☪ derived from ⅓(7+13+21).
450	Tashkent	Do. do.	P, ☪, 1881-1915. R, 39 yrs. 1877-1922.	ae P = ⅓(7+13+21). ☪ derived from these hours.
451	Narynskoe	Do. do.	P, 14 yrs., 1902-20. ☪, 35 yrs.,1885-1927. R, 30 yrs., 1887-1920.	aq Do. do.
452	Alma Ata	Do. do.	P, 36 yrs., 1881-1922. R, 39 yrs., 1879-1922.	ae Do. do.
461	Moukden	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1928.	P, ☪, R, 1906-29.	ce P, ☪ = ⅓(2+6+10+14+18+22).
462	Joshin	Do. do.	P, ☪, R, 1906-29.	ce Do.
463	Yuki	Do. do.	P, ☪, R, 1915-29.	ce Do.
464	Vladivostok	See No. 446.	P, 1876-1921. ☪, R, 1873-1921.	e P = ⅓(7+13+21). ☪ derived from these hours.
465	Ochiai	See No. 461.	P, ☪, R, 1908-29.	e P, ☪ = ⅓(2+6+10+14+18+22). 135°E. meridian time.
466	Nemuro	Do.	P, 1886-1920. ☪, R, 1884-1920.	e Do. do.
466a	Syana	Do.	P, ☪, R, 1903-29.	e Do. do.

ZONE 5.

Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1928-9 and Monthly Weather Rev., 1928.	P, T, 1873-1923. R, 1850-1925.	nq P, ☪ = ⅓(8+20) reduced to mean of 24 hrs.
512	Sacramento	Do. do.	P, 1878-1931. T, 43 yrs., 1878-1921. R, 1850-1924.	nq Do. do.
513	San Diego	Do. do.	P, T, 1873-1923. R, 1850-1923.	nq Do. do.
514	Modena	Do. do.	P, ☪, R, 1901-25.	nq Do. do.
515	Santa Fé	Do. do.	P, 1873-80;'82;'85-1923. T, 1873-82;'85-1923. R, 67 yrs., 1850-1923.	nq Do. do.
516	Denver	Do. do.	P, T, 1873-1923. R, 1872-1923.	nq Do. do.
517	Abilene	Do. do.	P, T, 1886-1923. R, 1885-1922.	nq Do. do.
518	Saint Louis	Do. do.	P, T, 1873-1923. R, 1837-1923.	nq Do. do.
519	Mobile	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
520	Nashville	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
521	Charleston	Do. do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
522	Washington	Do. do.	P, T, 1873-1923. R, 1871-1925.	nq Do. do.
524	Bermuda	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1928.	P, ☪, R, 62 yrs., 1866-1928.	ce P = ½(8½+15). This approximates to a 24 hr. mean. ☪ = ¼(8½+20½+M+m).
530	Santa Cruz (Flores)	MS. data supplied by Director, Meteor. Service, Azores.	P, 1907-31. T, R, 1911-25.	P, ☪ = mean of 24 hrs.
531	Horta	Do. do.	P, ☪, R, 1902-26.	Do.
532	Ponta Delgada	Do. do.	P, ☪, 1894-1928.	Do.
532a	Faja de Cima	Do. do.	R, 1911-25.	..
533	Madeira (Funchal)	Lisbon, Anais do Obs. Centr. Meteor. Vol. LXI, 1923-30.	P, ☪, R, 1880-1920.	e P = ⅓(9+15+21). ☪ = ¼(9+21+M+m).

ZONE 5-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
535	Lisbon	Lisbon, Anais do Obs. Centr. Meteor. Vol. LXI, 1923-30 and MS. data.	P, ☪, R, 1864-1920.	e P, ☪ = mean of 24 hrs.
535a	Melilla	Madrid, Res. Obs. efect. en las Estaciones del Servicio Meteor. Español, 1928.	T, R, (1908-22).	e P = ⅓(7+13+18). ☪ derived from these hours.
536	Gibraltar	MS. data at M.O.	P, 76 yrs., 1852-1930. T, 78 yrs., 1852-1932. R, 79 yrs., 1852-1932.	c P = ⅓(7+13+21). ☪ = ¼(7+13+2x21).
536a	Colomb-Béchar	MS. data supplied by l'Office National Météor., Paris.	T, 11 yrs., 1913-14;'21-30. R, 11 yrs., 1913-14;'21-29.	c P = ⅓(7+13+18). ☪ = ¼(7+13+18+m).
537	Palma	See No. 535a.	P, T, R, 1866-1921.	e Do. do.
538	Algiers (Bouzaréah)	See No. 536a.	P, ☪, R, 1894-1930.	ct P, ☪ = mean of tri-hourly observations.
538a	Gadames	Tripoli, Uff. Meteor. Boll., 1928.	T, 15 yrs., 1912-15;'19-30. R, 1912-15; '19-29.	..
539	Tunis	Tunis, Service Météor., Relevé des Obs., 1928.	☪, 35 yrs., 1887-1927. R, 35 yrs., 1887-1925.	e P = ⅓(8+14+19). ☪ derived from ¼(8+14+19+m).
539a	Malta	MS. data at M.O.	P, 66 yrs., 1852-1923. T, 64 yrs., 1853-1923. R, 70 yrs., 1853-1923.	P = ½(7+18) G.M.T. ☪ derived from ½(M+m).
540	Riposto	Riposto, Oss. Meteor. Boll. Mens., 1928.	P, 1898-1922. ☪,1875-1919. R, 1880-1914.	P = ⅓(9+15+21). ☪ derived from these hours.
541	Athens	Athens, Ann. de l'Obs. National, Tome XI.	P, 71 yrs., 1839-1923. ☪, R, 1858-1923.	e P, ☪ = mean of 24 hrs.
542	Alexandria	MS. data supplied by Phys. Dept., Cairo.	P, 1888-1922. ☪, 1870-1922. R, 1889-1923.	c P = ⅓(8+14+20). ☪ derived from ¼(8+14+20+m).
543	Ankara (Angora)	Angora, Monat. Witter. Meteor. Inst., Türkei, 1928.	P, (1878-1913).	ce P = ½(7+14+21). ☪ = ½(7+14+2x21).
543a	Nicosia (P.W.D.)	See No. 542.	P, T, R, 1907-31.	ac P = ⅓(8+15).
544	Beirut	Beirut, Monthly Bull. of the Obs., 1928.	P, ☪, 1875-1924. R, 1876-1924.	P = ⅓(8½+14½+20½+2M+3m). ☪ = ⅓(8½+14½+20½+2M+3m).
545	Hinaidi	MS. data at M.O.	P, 1896-1910. T, R, 1922-32.	P (Jan.,Feb.) = ½(5+10). P, (Mar. to Dec.) = ⅓(2+6+13). ☪, (Jan.,Feb.) derived from ½(5+10). ☪,(Mar. to Dec.) derived from ⅓(2+6+13), G.M.T.
546	Lenkoran	..	..	..
547	Tehran	Calcutta, India Weather Review,1928.	T, 1895-1910. R, 25 yrs., 1893-1920.	a ☪ derived from ½(M+m).
548	Meshed	Do. do.	T, 17 yrs., 1891-1920. R, 26 yrs., 1893-1920.	a P = 10½h. G.M.T.
550	Seistan	Do. do.	T, R, 1912-26.	a ..
551	Quetta	Calcutta, India Weather Review, 1928 and MS. data	P, R, see current data. T, 1878-1920.	aq P = 7h. ☪ derived from ½(M+m).
551a	Peshawar	Do. do.	P, R, see current data. T, 1878-1910.	aq P = 8h. ☪ derived from ½(M+m).
552	Lahore	Do. do.	P, ☪, R, see current data.	aq Do. do.
552a	Simla	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
553	Leh	Do. do.	P, R, see current data. T, 43 yrs., 1875-1920.	aq Do. do.
559	Hankow	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1928.	P, ☪, 1906-30. R, 39 yrs., 1875-1919.	e P = ⅓(6+14+22). 135°E. meridian time. ☪ derived from these hours.
560	Tientsin	Do. do.	P, ☪, 1905-29. R, 1904-29.	e Do. do.
561	Shanghai (Zi-ka-Wei)	Zi-ka-Wei, Bull. des Obs., 1928.	P, ☪, 1873-1920. R, 1873-1924.	e P, ☪ = mean of 24 hrs.
562	Jinsen (Chemulpho)	Zinsen, Ann. Rep. Meteor. Obs., Tyôsen, 1928.	P, 35 yrs., 1888-1923. ☪, 1888-1922. R, 1905-29.	e Do.
562a	Nagasaki	See No. 559.	P, 1886-1920. ☪, R, 1879-1920.	e Do.
563	Kyoto	Do.	P, 1881-1915. ☪, R, 1881-1920.	ce P, ☪ = ⅓(2+6+10+14+18+22).
564	Tokyo	Do.	P, 1886-1920. ☪, R, 1876-1920.	e P, ☪ = mean of 24 hrs.
565	Hukusima	Do.	P, ☪, R, 1897-1931.	ce P, ☪ = ⅓(2+6+10+14+18+22).
566	Miyako	Do.	P, 1886-1920. ☪, R, 1884-1920.	ce Do.

Table showing the Authorities for the Meteorology of the Globe between Latitude 30°N. and 20° N.

ZONE 6.

601	Midway Island	MS. data supplied by Chief of Weather Bureau, Washington, D.C.	P, 1912-26. T, R, 1917-26.	cd P = 18½h.
605	Honolulu	Washington, D.C., U.S.Dept. Agric. Rep. of Chief of Weather Bureau, 1928-29, and Monthly Weather Rev., 1928.	P, 1883-1928. T, 1883-1920. R, 1874-1928.	q P = ½(8+20). ☪ = ½(8+20+M+m) 157½ °W. meridian time.
613	Guaymas	Tacubaya, Bol. del Servicio Meteor., Mexicano, 1928.	☪, (1901-10).	er P = ⅓(7+14+21). ☪ derived from these hours.
615	Leon	Do. do.	P, ☪, 35 yrs., 1879-1923. R, 37 yrs., 1878-1920.	eqr Do. do.
616	Monterry	Do. do.	P, 1886-88;'96-99;1905-24. ☪, 1886-88; '96-99;1905-22. R, 25 yrs., 1885-1924.	er Do. do.
617	Tulancingo	Do. do.	P, 1922-31. ☪, R, 15 yrs., 1911-27.	qr Do. do.
618	Galveston	See No. 605.	P, T, 1873-1923. R, 1871-1924.	nq P, ☪ = ⅓(8+20) reduced to mean of 24 hrs.
618a	New Orleans	Do.	P, see current data. ☪, 1873-1923. R, 77 yrs., 1836-1922.	n Do. do.
619	Mérida, Yuc.	See No. 613.	P, 35 yrs., 1894-1931. ☪, R, 25 yrs., 1895-1924.	er P = ⅓(7+14+21). ☪ derived from these hours.
620	Havana	MS. data supplied by Director, Meteor. del Colegio de Belen,Habana.	P, 1858-1925.	e P, ☪ = mean of bi-hourly observations.
620a	Key West	See No. 605.	P, T, 1873-1923. R, 1871-1922.	nq P, ☪ = ⅓(8+20) reduced to mean of 24 hrs.
621	Nassau, Bahamas	MS. data at M.O.	P, 45 yrs., 1871-1920. T, (Jan.to Nov.)43 yrs. 1874-1920. ☪,(Dec.,Yr.)1905-19. R,55 yrs., 1855-1920.	n P = ½(8+15). ☪,(Jan.to Nov.) derived from ½(M+m). ☪, (Dec.,Yr.) derived from ½(8+15).
622	Watling Island	Do.	P, ☪, 15 yrs., 1915-30.	k1 P, ☪ = ¼(8+12+16+22). ☪ = ½(7+14+2x21).
623	Port Etienne	Dakar, Journal Offic. de l'Afrique occid.française, 1928.	..	..
624a	Izaña	Madrid, Res. Obs. efect. en las Estaciones del Servicio Meteor. Español, 1928.	P, T, R, 1916-25.	q P = ⅓(7+13+18). ☪ derived from these hours.
624	La Laguna	Do. do.	P, 1911-25. T, 37 yrs. R, 35 yrs.	de P = ⅓(7+13+18).

ZONE 6-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
636	Adrar	MS. data supplied by l'Office National Météor., Paris.	..	c P, ☌ = ⅓(7+13+18). Mean temperatures obtained by this formula are about 2°A. too high.
638	Laperrine	Do. do.	..	P, ☌ = ⅓(7+13+18). Mean temperatures obtained by this formula are about 1·5°A. too high.
641	Ghadames	Tripoli, Boll. Meteor. della Cirenaica, 1928.	..	d ..
642	Siwa	MS. data supplied by Phys. Dept., Cairo.	P, 1921-30. R, 1920-29.	ac P = 8h.
643	Cairo (Helwan)	Do. do.	P, ☌, R, 1904-28.	c P = ⅓(8+14+20). ☌ derived from ¼(8+14+20+m).
643a	Aswan	Do. do.	P, ☌, 1901-25.	cf P = ⅓(8+14+20). ☌ = ¼(8+14+20+m). No rain gauge as rainfall is practically unknown.
644	Tor	Do. do.	P, ☌, 1905-30. R, 1919-29.	cf P = ⅓(8+14+20). ☌ = ¼(8+14+20+m).
647	Bushire	Calcutta, India Weather Review, 1928 and MS. data.	T, 43 yrs., 1876-1920. R, 44 yrs., 1876-1920.	a P = ½(4+14) G.M.T. ☌ derived from ½(M+m).
648	Jask	Do. do.	T, 27 yrs., 1893-1920. R, 28 yrs.,1892-1920.	a Do. do.
649	Karachi	Do. do.	P, R, see current data. T, 1905-19.	aq P = 8h. ☌ derived from ½(M+m).
650	Jacobabad	Do. do.	P, R, see current data. T, 1878-1910.	aq Do. do.
651	Jaipur	Do. do.	P, ☌, R, see current data.	aq Do. do.
652	Nagpur	Do. do.	P, R, see current data. T, 1875-1920.	aq Do. do.
653	Allahabad	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
653a	Darjeeling	Do. do.	P, R, see current data. T, 1890-1910.	aq Do. do.
654	Calcutta	Do. do.	P, ☌, R, see current data.	aq Do. do.
655	Gauhati	Do. do.	P, R, see current data. T, 1902-20.	aq Do. do.
655m	Cherrapunji	Do. do.	P, R, see current data. T, 1902-20.	adq P = 8h.
655a	Akyab	Do. do.	P, R, see current data. T, 1878-1920.	aq P = 8h. ☌ derived from ½(M+m).
656	Mandalay	Do. do.	P, R, see current data. T, 1889-1910.	aq Do. do.
656a	Tengyueh	MS. data supplied by Chinese Maritime Customs.	T, R, 1914-28.	e P = mean of tri-hourly observations. ☌ derived from ½(M+m).
657	Phu Lien	Phu-Lien, Ann. du Service Météor. de l'Indochine 1928 and MS. data.	P, ☌, 1907-28. R, 1907-26.	P, ☌ = mean of bi-hourly observations.
658	Moncay	Do. do.	P, 1907-21. T, R, 1907-26.	P = ½(1st. and 2nd. max. + 1st. and 2nd. min.) ☌ derived from ½(M+m).
659	Hongkong	Hongkong, Royal Obs. Monthly Meteor. Bull., 1928.	P, ☌, R, 1884-1928.	P, ☌ = mean of 24 hrs.
660	Amoy	Nanking, Ann. Meteor. Rep., 1928.	☌, 15 yrs., 1894-1901;'14-22. R, 35 yrs., 1880-1924.	☌ = mean of tri-hourly observations.
661	Taihoku, Formosa	Tokio, Ann. Rep. Centr. Meteor. Obs., Japan, 1928.	P, ☌, R, 1897-1931.	e P, ☌ = mean of 24 hrs.
661a	Basco	Manila, Weather Bureau, Monthly Bull. and Ann. Rep., 1928.	P, ☌, 25 yrs., 1903-28. R, 25 yrs., 1903-30.	c P, ☌ = ⅓(2+6+10+14+18+22).
662	Naha	See No. 661.	P, ☌, R, 1891-1925.	e P, ☌ = mean of 24 hrs.
665	Titizima (Bonin Islands)	Do.	P, ☌, R, 25 yrs., 1906-31.	ce P, ☌ = ⅓(2+6+10+14+18+22).

ZONE 7.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° N. and 10° N.

715	Colima	Tacubaya, Bol. del Servicio Meteor. Mexicano, 1928.	P, ☌, R, 10 yrs., 1917-28.	er P = ⅓(7+14+21). ☌ derived from these hours.
716	Morelia	Do. do.	P, ☌, R, 10 yrs., 1917-28.	er Do. do.
717	Mexico, Tacubaya	Tacubaya, Servicio Meteor. Mexicano, Res. Mens., 1928.	P, 1917-31. ☌, 1900-14;'17-26. R, 1900-24.	q P, ☌ = mean of 24 hrs.
718	Salina Cruz	See No. 715.		
719	San Salvador	San Salvador, Anales del Obs.Meteor., 1928.	P, ☌, 15 yrs., 1907-26. R, 1903-13;'16-29. P, 1911-25. ☌, R, 1912-26.	er P = ⅓(7+14+21). ☌ derived from these hours. e P = ⅓(7+14+21). ☌ = ¼(7+14+2x21).
720	Belize	MS. data at M.O.	P, ☌, R, 1917-31.	ce P, ☌ = 6h.
721	Jamaica (Negril Pt.)	Jamaica Blue Book, 1928.	P, T, 1898-1932. R, 1895-1929.	c P, ☌ = ⅓(7+15) reduced to mean of 24 hrs.
722	Port au Prince	Port-au-Prince, Bull. Ann.de l'Obs. Météor., 1928.	P, 1865-69;'88-1925. ☌, 1864-69;'88-1925. R, 49 yrs., 1863-1925.	ce P = ⅓(7+13+21). ☌ derived from ¼(7+13+2x21).
723	Caracas	Caracas, Red. Meteor. de Venezuela, Res. de las Obs., 1928.	P, 1893-1927. ☌, 1895-1927. R, 1891-1925.	eq P = ½(10+16), 67½°W. meridian time, which approximates to the mean of 24 hrs. ☌ = ¼(6+12+18+24+0)/2.
724	San Juan, Porto Rico	Washington,D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1928-9 and Monthly Weather Rev., 1928.	P, R, 1899-1928. T, 1898-1928.	nq P = ½(8+20) reduced to mean of 24 hrs. ☌ derived from ½(M+m).
724a	Grenada (Richmond Hill)	Grenada Govt. Gazette, 1928.	P, 1891-1925. T, 40 yrs., 1887-1929. R, 1891-1929.	e P = ½(9+18). ☌ derived from ½(M+m). A correction of -1·0 mb. has been applied to the pressure values.
725	Barbados	Barbados Blue Book, 1928.	P, 1916-30. T, 17 yrs., 1912-29. R, 74 yrs., 1853-1929.	c P = ½(9+15). ☌ derived from ½(M+m).
731	São Vicente, C.Verde Is.	Lisbon, Anais do Obs.Centr. Meteor., Vol. LXI, 1923-30.	P, R, 35 yrs., 1884-1921. ☌, 1901-25.	e P = ⅓(9+15+21). ☌ = ¼(9+21+M+m).
732	San Tiago, C.Verde Is.	Do. do.	P, 25 yrs., 1893-1921. ☌, 1921-30. R, 1888-1900;'04-25.	e Do. do.
733	Dakar	Dakar, Service Météor., Journal Offic. de l'Afrique occid. française and Obs. Météor., 1928.	T, R, 1899-1913.	e P = ⅓(7+14+21). ☌ = ¼(7+14+2x21). 'e' refers to Jan. to June.
734	Bathurst (Cape St. Mary)	Gambia Blue Book, 1928.	T, 23 yrs., 1891-1925.	☌ derived from ½(M+m).
735	Niénébalé	Dakar, Journal Offic. de l'Afrique occid. française, 1928.	..	☌ derived from ⅓(7+14+21).
736	Timbuktu	MS. data supplied by l'Office National Météor., Paris.	T, 15 yrs., 1896-1917. R, 10 yrs.,1897-1924.	☌ derived from ½(6+15+18).
737	Sokoto	MS. data at M.O.	T, 25 yrs., 1907-33. R, 1904-28.	☌ derived from ½(M+m).
738	Kaduna Capital	Do.	☌,(Jan.to June, Sept.to Dec.,Yr.) 1917-31. T,(July,Aug.) 1917-31. R, 15 yrs.,1916-31.	☌ (Jan.to June,Sept. to Dec., Yr.) = 9h. ☌ (July,Aug.) derived from ½(M+m).
739	Hadeija	Do.	T, 10 yrs., 1918-28. R, 25 yrs., 1904-30.	☌ = 9h.
740	Maiduguri	Do.	T, 25 yrs., 1906-31. R, 1904-28.	☌ derived from ½(M+m).
741	El Fasher	MS. data supplied by Phys.Dept.,Cairo.	☌, 1920-30. R, 1917-26.	cg P = ⅓(8+14+20). ☌ = ¼(8+14+20+m).
743	El Obeid	Do. do.	P, 1901-27. ☌, 1901-25. R, 1902-26.	cg Do. do.
743a	Khartoum	Do. do.	P, 1903-27. ☌, 1901-25. R, 1899-1923.	c P = ⅓(8+14+20). ☌ derived from ¼(8+14+20+m).
744	Port Sudan	Do. do.	P, ☌, 1905-30. R, 1906-29.	cg P = ⅓(8+14+20). ☌ = ¼(8+14+20+m).
745	Berbera, Somaliland	MS. data at M.O.	P, 21 yrs., 1908-30. T, 1908-32. R, 1906-30.	ce P = ⅓(8+14+20). ☌ = ¼(8+20+M+m).

ZONE 7-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
746	Aden	Calcutta, India Weather Review, 1928 and MS. data.	P, R, see current data. T, 39 yrs., 1880-1920.	aq P = 8h. ☌ derived from ½(M+m).
751	Bombay	Calcutta, India Weather Review, 1928, Bombay Magn. Meteor. and Seism. Obs., 1928 and MS. data.	P, R, see current data. T, 1878-1920.	aq P = 8h. ☌ = mean of 24 hrs.
752	Kodaikanal	See No. 746.	P, R, see current data. T, 21 yrs., 1899-1920.	aq P = 8h. ☌ derived from ½(M+m).
752a	Bangalore	Do.	P, ☌, R, see current data.	aq Do. do.
753	Madras	Do.	P, ☌, R, see current data.	aq Do. do.
754	Vizagapatam	Do.	P, R, see current data. T, 15 yrs., 1888-1921.	aq Do. do.
755	Port Blair	Do.	P, R, see current data. T, 1867-1920.	aq Do. do.
756	Rangoon	Do.	P, R, see current data. T, 1876-1920.	aq Do. do.
757	Cap. St. Jacques	Phu-Lien, Ann. du Serv. Météor. de l'Indochine, 1928 and MS. data.	T, R, 1907-26.	cd P = ½(1st and 2nd max. + 1st and 2nd min.)
758	Nhatrang	Do. do.	T, R, 1907-26.	cd Do. do.
759	Bolinao	Manila, Weather Bureau, Monthly Bull., 1928 and MS. data.	P, ☌, 15 yrs., 1902-20. R, 35 yrs., 1886-1928.	c P = ½(6+14). ☌ derived from these hours.
761	Vigan	Manila, Weather Bureau, Monthly Bull., 1928.	P, ☌, 25 yrs., 1902-28. R, 35 yrs., 1887-1929.	c P, ☌ = ⅛(2+6+10+14+18+22).
761a	Manila	Do. do.	P, 1887-1922. ☌, 1885-1928. R, 1865-1928.	P, ☌ = mean of 24 hrs.
762	Ormoc	See No. 759.	P, ☌, 1902-05;'07-27. R, 1902-26.	c P = ½(6+14). ☌ derived from these hours.
765	Guam, Ladrone Is.	Do.	P, 1907-21. ☌, 1906-20. R, 1906-30.	P = ½(6+14) 120°E. meridian time. ☌ derived from these hours.
766	Saipan	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1928.	..	e P, ☌ = ⅛(2+6+10+14+18+22). 135°E. meridian time.

Table showing the Authorities for the Meteorology of the Globe between Latitude 10° N. and 0°.

ZONE 8.

805	Fanning Island	MS. data at M.O.	P, 10 yrs., 1921-32. ☌, 15 yrs., 1904-24. R, 25 yrs., 1903-30.	e P, ☌ = 9h.
821	Cristobal	Balboa Heights, Panama Canal Section of Meteor. and Hydrogr., Monthly Meteor. Rep., 1928.	P, 1908-32. T, 25 yrs., 1881-1925. R, 1863-74;'81-87;'89-1923.	P reduced to mean of 24 hrs. ☌ = mean of bi-hourly observations.
822	Bogota	Bogotá, Anales del Obs. Nac. de San. Bartolomé, 1928.	R, 1866-85;'94-1923.	P = ⅛(6+8+10+12+14+16+18+20). ☌ = ⅛(6+8+10+12+14+16+18+20+2m).
822a	Merida, Venez.	Caracas, Red. Meteor. de Venezuela, Res. de las Obs., 1928.	P, T, R, 1915-29.	q P = ½(10+16). ☌ derived from ½(M+m). Pressure appears too high by about 6 mb.
823	Ciudad Bolivar	Do. do.	T, 10 yrs., 1917-28. R, 1917-26.	de P = ½(10+16).
824	El Peru, Guayanavieja	MS. data at M.O.	P, 15 yrs., 1910-26. T, 15 yrs., 1910-28. R, 15 yrs., 1910-25.	de P = 7½h. approx.
825	Georgetown, Brit.Guiana	British Guiana Blue Book, 1928.	P, 1887-1929. T, 1846-56;'87-1929. R, 1894-1928.	P = ⅛(7+13+18). ☌ derived from these hours. Min. temp. refers to period 18h. to 7h.
826	Paramaribo	De Bilt, K. Ned. Meteor. Inst., Meteor. Obs. Netherlands West Indies, 1919-1928 and MS. data.	P, 1876-1915. ☌, 1899-1928. R, 1847-54; '64-1925.	a P = ⅓(8+14+18). ☌ derived from these hours.
826a	Cayenne	MS. data supplied by l'Office National Météor., Paris.	T, 35 yrs., 1890-1927. R, 1859-99;1903-12.	☌ derived from ½(M+m). Max. temp. refers to period 9h.to 16h.and min.to 16h.to 9h.
831	10°-5°N. 30°-25°W.	MS.data supplied by Meteor. Inst., Copenhagen; Meteor.Inst. De Bilt; Deutsche Seewarte, Hamburg; Meteor. Office,London; and Weather Bureau, U.S.Dept. Agric.,Washington, D.C.	P, ☌, Sea Temperature (Jan.,Feb.,Dec.) 1870-1914;'22-26. (Mar.to May) 1856-1919; '22-26. (June to Nov.) 1870-1926.	P, ☌, Sea Temp. = ½(8+20).
833	Konakri	MS. data supplied by Dakar, Offic. de l'Afrique occid. française.	R, 15 yrs., 1904-22.	..
834	Freetown, Sierra Leone	MS. data at M.O.	P, 41 yrs., 1877-1920. T, 43 yrs., 1874-1920. R, 1874-1920.	e P = ½(9+17). ☌ = ¼(17+M+2m).
835	Asuantsi		T, 1921-31. R, 19 yrs.	..
836	Accra	Do.	P, 1921-31. T, 25 yrs., 1888-1931. R,41 yrs.	de P = 9h.
837	Lagos	Do.	P, R, 35 yrs., 1891-1926. T, 35 yrs., 1891-1927.	e P = ½(9+15). ☌ = ⅛(9+2x15+2m).
838	Victoria, Nigeria	Nigeria Blue Book, 1928.	R, 1922-31.	d ..
839	Yola	MS. data at M.O.	T, (Jan.to Sept.) 15 yrs., 1904-19. ☌,(Oct.,Nov.) 1915-24. R, 1904-28.	☌,(Jan.to Sept.) derived from ½(M+m). ☌,(Oct.to Nov.) = 9h.
841	Wau		☌, 25 yrs., 1902-27. R, 1904-28.	g ☌ = ¼(8+14+20+m).
843	Malakal (Kodok)	MS. data supplied by Phys.Dept.,Cairo.	P, ☌, 15 yrs., 1915-30. R, 1915-29.	g P = ⅓(8+14+20). ☌ = ¼(8+14+20+m).
843a	Mongalla	Do. do.	P, R, 1903-27. ☌, 1903-29.	gq Do. do.
844	Entebbe	Do. do.	P, 1904-28. ☌, 25 yrs., 1901-26. R, 35 yrs., 1896-1931.	eq P = ⅓(7+14+21). ☌ derived from ¼(7+14+2x21).
845	Sheikh	MS. data at M.O.	R, 12 yrs., 1921-33.	..
851	Minicoy	British Somaliland Blue Book,1928.	P, R, see current data.	aeq P = 8h. ☌ derived from ½(M+m).
851a	Cochin	Calcutta, India Weather Review 1928 and MS. data.	P, R, see current data. T, (Jan.to Mar., May to Dec.) 1875-1920. ☌,(Apr.,Yr.) 1915-24.	aq P, ☌,(Apr.,Yr.) = 8h. ☌,(Jan.to Mar.,May to Dec.) derived from ½(M+m).
852	Colombo Observatory	Do. do.	P, R, 1869-1920. T, 1921-30.	P = ½(9½+15½). ☌ derived from ½(M+m).
853	Nuwara Eliya	Ceylon Govt. Gazette, Suppl. 1928 and Blue Book, 1928.	P, 49 yrs., 1869-1920. T, 1921-30.	e Do. do.
854	Trincomalee	Ceylon Govt. Gazette, Suppl. 1928 and Blue Book, 1928, and Washington, Smiths. Inst.,Misc. Coll.,90,1934.	R, 1869-1920.	Do. do.
855	Kuta Raja	See No. 852.	P, R, 1869-1920. T, 1921-30.	P reduced to mean of 24 hrs.
856	Medan	Batavia Obs.Secondary Stations, Netherlands East-India, 1928 and Batavia Regenw. Nederlandsch-Indië, 1928.	P, 1910-24. R, 1879-1928.	
		Do. do.	P, 1908;'10-23. ☌, 15 yrs., 1913-28. R, 1879-1928.	t P reduced to mean of 24 hrs. ☌ = mean of bi-hourly observations.

ZONE 8-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
857	Penang	Straits Settlements,Meteor.Obs.,1928.	T, 1882-1920. R, 1883-1917.	d ..
858	Singapore	Do. do.	P, 1898-1922. T, 1898-1932. R, 1869-1920.	cde P = ¼(9+15+21). ☾ = ¼(9+15+2x21).
859	Sandakan	MS. data at M.O.	T, R, 1879-95;1904-29.	
860	Iwahig	Manila, Weather Bureau, Monthly Bull., 1928 and MS. data.	P, 1914-23. ☾, 10 yrs., 1914-24. R, 15 yrs., 1914-29.	c P = ⅛(6+14). ☾ derived from these hours.
861	Tagbilaran	Manila, Weather Bureau, Monthly Bull., 1928.	P, ☾, 25 yrs., 1902-28, R, 1903-27.	c P, ☾ = ⅛(2+6+10+14+18+22).
861a	Menado	See No. 855.	P, 15 yrs., 1905-21. ☾, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
862	Surigao	See No. 861.	P, 25 yrs., 1902-28. ☾, 25 yrs., 1902-29. R, 25 yrs., 1902-27.	c P, ☾ = ⅛(2+6+10+14+18+22).
863	Kolonie, Yap	Do.	P, 15 yrs., 1907-22. ☾, 15 yrs., 1906-22. R, 25 yrs., 1905-31.	P, ☾ = ½(2+6+10+14+18+22) 120° E. meridian time.
864	Palau	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1928.	..	ce P, ☾ = ⅛(2+6+10+14+18+22).
867	Ponape	Do. do.	..	e P, ☾ = ½(2+6+10+14+18+22).135° E. meridian time.

ZONE 9.

Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

902	Atafu	MS. data supplied by Apia Obs.,Samoa.	..	dt P = 9h. ☾ = ¼(7+14+2x21).
924	Manaos	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	R, 25 yrs., 1902-28.	
926	Taperinha	Do. do.	P, ☾, R, 1914-30.	P = ⅛(7+14+21). ☾ = ¼(7+14+2x21).
927	Turyassu	Do. do.	P, R, 15 yrs., 1912-27. ☾, 1912-26.	q Do. do.
928	Barra do Corda	Do. do.	P, R, 15 yrs., 1912-28. ☾, 1912-26.	q Do. do.
929	Quixeramobim	Do. do.	P, 1897-1924. ☾, R, 1896-1930.	q P = ⅛(7+14+21). ☾ derived from ¼(7+14+2x21).
930	Fernando Noronha	Do. do.	P, T, 1911-20;'22-26. R, 15 yrs., 1911-27.	q P = ⅛(7+14+21). ☾ = ¼(7+14+2x21).
930a	5°-10°S. 35°-30°W.	Do. do.	Sea Temperature 1855-99. Marine Observer, Vol. IV, 1927.	..
934	Ascension Island	MS. data at M.O.	P, 10 yrs., 1854-65;1923-28. ☾, 15 yrs., 1854-65;1917-32. R,25 yrs.,1854-65;'99-1928.	e P = ½(9+21). ☾ derived from these hours.
939	Loanda	Loanda, Resumo das Observacões Meteor....de Angola, Boletim Oficial, 1928.	P, 41 yrs., 1879-1925. ☾, 42 yrs., 1879-1925. R, 1879-1925.	P, ☾ = mean of 24 hrs.
940	Brazzaville	..	..	..
943	Masaka	MS. data at M.O.	☾, 15 yrs., 1903-23. R, 25 yrs., 1902-27.	..
944	Nairobi (Dept. Agric.)	MS. data supplied by Brit. E.Africa Meteor. Service.	R, 1914;'17-25.	b ..
944a	Zanzibar	Calcutta, India Weather Review,1928 and MS. data.	P, R, see current data. T, 1891-1920.	aq P = 8h. ☾ derived from ½(M+m).
945	Lamu	See No. 944.	..	..
947	Seychelles,Port Office	See No. 944a.	T, 15 yrs., 1911-28. R, 25 yrs., 1894-1925.	bd ..
957	Padang	Batavia, Obs.Secondary Stations, Netherlands East-India 1923 and Batavia, Regenw. Nederlandsch-Indië, 1928.	P, see current data. T, 1894-1920. R, 1891-1920.	q P = ½(10+16) reduced to mean of 24 hrs. ☾ derived from ½(M+m).
958	Batavia	Batavia, Obs. R.Magn. and Meteor. Obsy., 1928 and Batavia, Regenw. Nederlandsch-Indië, 1928.	P, 1908-22. ☾, 1913-18;'27-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
958a	Pontianak	See No. 957.	P, ☾, 1866-1923. R, 1864-1923.	et P, ☾ = mean of 24 hrs.
959	Pasuruan	Batavia, Obs.Secondary Stations, Netherlands East-India, 1928; Batavia, Regenw. Nederlandsch-Indië, 1928 and MS. data.	P, 1906-30. ☾, 10 yrs., 1912-18;'27-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
960	Kajoemas	Batavia, Regenw. Nederlandsch-Indië, 1928.	P, ☾, 1901-25. R, 1879-1928.	t Do. do.
962	Amboina	See No. 957.	R, 1888-1928.	..
963	Manokwari	See No. 960.	P, 1906-30. ☾, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
965	Daru	Port Moresby, Papua Govt. Gazette, 1927-9.	R, 27 yrs., 1900-28.	..
966	Port Moresby	Do. do.	P, 18 yrs., 1894-1922. T, 25 yrs., 1897-1933. R, 35 yrs., 1894-1933.	d P = 9h.
967	Rabaul	MS. data supplied by Meteor. Bureau, Melbourne.	P, 35 yrs., 1891-1933. ☾,(Jan.and Yr.) 24 yrs., 1892-1924. T,(Feb.to Dec.) 25 yrs., 1891-1923. R,38 yrs.,1891-1930.	d P, ☾ (Jan. and Yr.) = 9h. "d" refers to Feb. to Dec.
969	Tulagi,Brit.Solomon Is.	MS. data at M.O.	P, T, R, 1916-31.	d P = ½(9+15).
970	Ocean Island	Do.	T, 25 yrs., 1907-32. R, 35 yrs.,1898-1933.	☾ derived from ½(M+m). Pressure appears unreliable.
			P, 25 yrs., 1905-31. T, 25 yrs., 1905-30. R, 1905-29.	e P = ½(8+20). ☾ derived from ½(M+m).

ZONE 10.

Between Latitude 10° S. and 20° S.

1002	Apia, Samoa	Wellington, Rep.for Apia Obsy.,Samoa, 1928 and MS. data.	P, 1890-1930. ☾, 1911-30. R, 1890-1924.	P, ☾ = mean of 24 hrs.
1003	Alofi, Niue Island	MS. data supplied by Meteor. Office, Wellington, N.Z.	P, 10 yrs., 1907-14;'26-28. T, 15 yrs., 1907-22. R, 25 yrs., 1905-31.	a P = 9h. ☾ derived from ½(M+m). "a" refers to Jan. to Oct.
1021	Lima	Lima, Serv. Meteor. Nac.Res.Obs.1929.	..	e P = ⅛(10+16). ☾ = mean of bi-hourly observations. ☾ derived from ½(7+14+2x21).
1022	Tacna	Santiago, Publ. Inst. Meteor.de Chile, No. 41, Anuario, 1928.	☾, R, 1919-28.	
1025	Corumba	MS. data supplied by Directoria, Meteorologia, Rio de Janeiro.	P, R, 15 yrs., 1912-27. T, 10 yrs., 1913-27.	q P = ½(7+14+21). ☾ = ¼(7+14+2x21).
1026	Cuyaba	Do. do.	P, T, R, 1901-25.	q Do. do.
1027	Bello Horizonte	Do. do.	P, 15 yrs., 1910-26. ☾, 1910-24. R, 15 yrs., 1910-25.	q Do. do.

ZONE 10-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1028	Castite	MS. data supplied by Directoria, Meteorologia, Rio de Janeiro.	P, R, 15 yrs., 1909-26. ☾, 1912-26.	q P = ¼(7+14+21). ☾ = ¼(7+14+2x21).
1029	Ondina (Bahia)	Do. do.	P, 15 yrs., 1909-26. ☾, 1911-25. R,35 yrs., 1880-1929.	q Do. do.
1030 1030m	Aracaju 15°-20°S. 40°-35°W.	Do. do.	P, 15 yrs., 1911-20;'23-29.	q Do. do.
1030b 1035 1039	10°-15°S. 40°-35°W. St. Helena Mossamedes	Do. do.	Sea Temperature 1855-99. Marine Observer, Vol. IV, 1927.	..
		MS. data at M.O.	Do. do.	..
1041	Livingstone	Loanda,Resumo das Observacões Meteor.... de Angola, Boletim Oficial, 1928.	P, 1892-1920. T, 1892-1922. ☾, 10 yrs., 1913-25.	eq P = 6½h. ☾ derived from 6½h. ☾ = ¼(9+21+K+m).
1041a	Elisabethville	Northern Rhodesia Meteor. Rep.1927-8 and 1928-9 and MS. data at M.O.	..	ce P = ½(8+18).
1042 1043 1044 1045	Gwelo Salisbury (Dept.Agric.) Zomba Mossuril	MS. data supplied by Ministère des Colonies, Bruxelles.	P, 10 yrs., 1912-26. T, 1912-21. R, 1912-26.	e P = 8h.
1046	Antananarivo	MS. data at M.O.	T, R, 1907-31.	..
1055	Cocos, Keeling Is.	Do.	P, 1921-31. T, 1897-1931. R, 1896-1930.	eq P, ☾ = mean of 24 hrs.
1057 1061	Christmas Island Kupang	Nyassaland Govt. Gazette, 1928.	P, 1908-32. T, R, 1892-1926.	e P = ½(9+21). ☾ derived from these hours.
		Lourenço Marques, Relatório Observatório Campos Rodrigues, 1928.	..	P, ☾ = mean of 24 hrs.
1061a 1062 1063 1064 1065	Derby Hall's Creek Darwin Daly Waters Mein	Tananarive. Bull. Mens. 1928 and MS. data.	P, ☾, 1890-1923. R, 1890-1924.	eq P, ☾ = mean of 24 hrs.
		MS. data supplied by Meteor. Bureau, Melbourne.	P, T, 1905-30. R, 1904-30.	d P = 9h.
1066 1066a 1067	Georgetown, Queensland Willis Island Samarai	MS. data at M.O.	P, T, R, 1902-26.	e P = ½(9+21). ☾ = ¼(9+21+M+m).
1072	Suva, Fiji	Batavia Obs. Secondary Stations, Netherlands East India, 1928 and Batavia, Regenw. Nederlandsch-Indië, 1928.	P, 15 yrs., 1910-25. ☾, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ☾ = mean of bi-hourly observations.
		See No. 1055.	P, 1897-1921. T, 1897-1930. R, 1886-1930.	P = ½(9+15).
		Do.	P, 1901-25. T, 1899-1931. R, 1891-1930.	P = ½(9+15). ☾ derived from ½(M+m).
		Do.	P, T, 1882-1930. R, 1870-1930.	Do. do.
		Do.	P, 1881-1919. T, 1886-1930. R, 1873-1930.	Do. do.
		Do.	P, 1906-20. T, 1907-29. R, 41 yrs., 1887-1929.	P = ½(9+15).
		Do.	P, 1910-24. T, 1907-30. R, 1872-1932.	Do.
		Do.	..	P = ½(9+15). ☾ = ¼(9+15+21).
		Port Moresby, Papua Govt. Gazette, 1928-9.	P, 15 yrs., 1904-24. T, 15 yrs., 1904-23. R, 25 yrs., 1891-1930.	P, ☾ (Oct.to Dec.,Yr.) = 9h. ☾,(Jan.to Sept.) derived from ½(M+m).
		MS. data at M.O.	P, T, R, 1886-1928.	ce P = ½(8½+15½). ☾ derived from ½(M+m).

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S.

ZONE 11.

1105	Rarotonga (Avarua)	MS. data supplied by Meteor. Office, Wellington, N.Z.	T, 25 yrs., 1899-1926. R, 1899-1925.	a ☾ derived from ½(M+m).
1121	Punta Tortuga, Coquimbo	Santiago, Publ. Inst. Meteor. de Chile, No. 41, Anuario, 1928.	P, 35 yrs., 1870-1930. ☾, 1899-1908;'10-24. R, 1900-24.	e P = ⅓(7+14+21). ☾ derived from ¼(7+14+2x21).
1122	Iquique	Do. do.	P, 25 yrs, 1886;'99-1927. ☾, 1900-24. R, 1886;'99-1908;'11-24.	e Do. do.
1123	Catamarca	MS. data supplied by Dirección Meteor., Buenos Aires.	P, 1901-25. ☾, 1904-28. R, 1902-26.	ce P, ☾ = ⅓(8+14+20) reduced to mean of 24 hrs.
1124	Salta	Do. do.	P, ☾, R, 1901-25.	eq P, ☾ = mean of 24 hrs.
1125	Goya	Do. do.	P, ☾, R, 1877-1924.	ce P, ☾ = ⅓(8+14+20) reduced to mean of 24 hrs.
1126	Asuncion	Washington, Smiths. Inst., Misc.Coll., 90, 1934 and MS. data supplied by Dirección Meteor., Buenos Aires.	P, 28 yrs., 1893-1924. ☾, 1892-1911;'17-21. R, 40 yrs.	ce Do. do.
1127	Curityba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	P, 38 yrs., 1885-1924. ☾, 1885-1916;'20-22. R, 1885-1917;'20-25.	q P = ½(7+14+21). ☾ = ¼(7+14+2x21).
1128 1128m	Rio de Janeiro 25°-30°S. 50°-45°W.	Do. do.	P, R, 1851-1925. ☾, 1871-1925.	P, ☾ = mean of 24 hrs.
1139	Windhoek	Do. do.	Sea Temperature, 1855-99. Marine Observer, Vol. IV, 1927.	..
1140	O'Okiep	MS. data supplied by Meteorological Assistant, Windhoek.	T, 15 yrs., 1901-23. R, 35 yrs.	eu P = 8½h. ☾ = ¼(8½+14½+20½+m).
1141	Kimberley	Pretoria Meteor. Office Report, 1928 and MS. data.	P, 1900-24. T, 25 yrs., 1900-25. R, 1882-1924.	equ P = 8½h. ☾ derived from ½(M+m).
		MS. data supplied by Meteor. Obsy., Kimberley.	P, 35 yrs., 1895-1930. ☾,(Jan.to June) 1897-1923. T, (July to Dec.,Yr.) 1894-1923. R, 1894-1928.	ceq P,(Jan.to June) = ¼(8½+14½+20½). P,(Sept. to Dec.) = 8½h. ☾,(Jan.to June) = mean of 24 hrs. ☾,(July to Dec.,Yr.) derived from ½(M+m). Pressure values Sept.to Dec. have been reduced to old height of 1202m.
1141a	Johannesburg	See No. 1140.	P, T, 1904-28. R, 1888-1924.	ceq P = 8½h. ☾ derived from ½(M+m).
1142	Bulawayo	MS. data at M.O.	P, T, R, 1897-1931.	ceq P = 8h. ☾ derived from ½(M+m).
1143	Durban	See No. 1140.	P, 1884-1920. T, 1885-1920. R, 1873-1920.	ce P = 8½h. ☾ derived from ½(M+m).
1144	Lourenço Marques	Lourenço Marques, Relatório Observatório, Campos Rodrigues, 1928.	P, ☾, R, 15 yrs.	P, ☾ = mean of 24 hrs.
1147	Mauritius	Mauritius, Results of Meteor. Obs., 1928 at Royal Alfred Observatory.	P, ☾, R, 1861-1919.	e Do.
1159	Omslow	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1897-1921. T, 1897-1930. R, 1886-1930.	P = ½(9+15).
1160	Cue	Do. do.	P, 1897-1926. T, 1897-1930. R, 1895-1930.	Do.
1161	Nullagine	Do. do.	P, 1900-24. T, 1899-1930. R, 1898-1930.	Do.
1162	Laverton	Do. do.	P, 1901-25. T, 1901-30. R, 1900-30.	P = ½(9+15). ☾ derived from ½(M+m).
1163	Alice Springs	Do. do.	P, 1885-1923. T, 1879-1930. R, 1874-1930.	q Do. do.
1164	William Creek	..	..	..
1165	Boulia	See No. 1159.	P, 1900-24. T, 1898-1931. R, 1886-1932.	P = ½(9+15). ☾ derived from ½(M+m).
1165m	Thargomindah	Do.	P, 1910-24. T, 1907-30. R, 1879-1932.	Do. do.
1166	Mitchell	Do.	P, 1910-14;'18-27. T, 1907-30. R,1884-1932.	P = ½(9+15).

ZONE 11-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1167	Rockhampton	See No. 1159.	P, 1889-1923. T, 1898-1931. R, 1871-1932.	P = ¼(9+15).
1168	Brisbane	Do.	P, 41 yrs. T, 1887-1930. R, 83 yrs., 1840-1932.	P = ¼(9+15). ℄ = ¼(9+15+21+m).
1170	Norfolk Island	Do.	P, 15 yrs., 1908-27. T, 15 yrs., 1878-84; 1915-27. R, 1887-1912; '15-23.	d P = 9h.

ZONE 12. Table showing the Authorities for the Meteorology of the Globe between Latitude 30° S. and 40° S.

1221	Juan Fernandez	Santiago, Publ. Inst. Meteor. de Chile, No. 41, Anuario, 1928.	..	e P = ⅓(7+14+21). ℄ derived from ¼(7+14+2x21).
1221a	Punta Tumbes	Do. do.	P, T, R, 1901-25.	e Do. do.
1222	Punta Angeles, Valparaiso	Do. do.	P, R, 35 yrs., 1869-1928. ℄, 1911-25.	e Do. do.
1222a	Santiago	Do. do.	P, 1861-1921. ℄, 1860-1921. R, 1867-1921.	e Do. do.
1223	Cordoba	Cordoba, Oficina Meteor. Nacional, Sinopsis del Tiempo, 1928.	P, ℄, R, 1873-1924.	e P, ℄ = mean of 24 hrs.
1224	Bahia Blanca	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, ℄, 1860-83; '96-1924. R, 1860-83; '85-1924.	e P, ℄ = ¼(8+14+20) reduced to mean of 24 hrs.
1225	Buenos Aires (Chacarita)	Do. do.	P, 1858-1924. ℄, 1856-1924. R, 1861-1924.	P, ℄ = mean of 24 hrs.
1226	Montevideo (Obs.Central)	Montevideo, Inst. Meteor. Nacional, Datos, 1928.	P, ℄, R, 1906-28.	P = ⅓(7+14+21). ℄ = ⅓(7+14+21+M+m).
1226a	Porto Alegre	Porto Alegre, Inst. Coussirat Araujo, Bol. Ann., 1928.	P, ℄, R, 1910-24.	e P, ℄ = mean of 24 hrs.
1226b	30°-35°S. 55°-50°W.	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	Sea temperature, 1855-99. Marine Observer, Vol. IV, 1927.	..
1239	Cape Town	Pretoria, Meteor. Office Report, 1928.	P, R, 1841-1928. T, 1857-1924.	eu P = ⅓(8½+12½+20½). ℄ derived from ¼(M+m).
1240	Danger Point	Pretoria, Meteor. Office Report, 1928 and MS. data.	P, 10 yrs., 1918-28. T, 15 yrs., 1910-27. R, 25 yrs.	eu P = 8½h.
1241	Riversdale	Do. do.	T, 10 yrs., 1918-28. R, 49 yrs.	..
1242	East London	Do. do.	P, 1870-1904. T, 1881-1906; '10-19, R, 35 yrs., 1877-1914.	ce P = 8½h.
1259	Perth (Observatory)	MS. data supplied by Meteor. Bureau, Melbourne.	P, 43 yrs. T, 1897-1930. R, 1876-1930.	P = ½(9+15). ℄ derived from ½(M+m).
1260	Katanning	Do. do.	P, 1897-1921. T, 1897-1931. R, 1892-1930.	P = ½(9+15).
1261	Coolgardie	Do. do.	P, 1897-1921. T, 1897-1930. R, 1893-1930.	P = ½(9+15). ℄ derived from ½(M+m).
1262	Eucla	..	..	..
1263	Streaky Bay	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1890-1924. T, 1891-1930. R, 1878-1930.	P = ½(9+15). ℄ derived from ½(M+m).
1264	Adelaide	Do. do.	P, 71 yrs. T, 1857-1930. R, 1839-1930.	Do. do.
1265	Melbourne	Do. do.	P, 70 yrs. T, R, 1856-1931.	P = mean of 24 hrs. ℄ derived from ½(M+m).
1266	Bourke	Do. do.	P, 1907-29. T, 1878-1930. R, 1873-1930.	P = ½(9+15).
1267	Sydney	Do. do.	P, 69 yrs. T, R, 1859-1931.	P = ½(9+15). ℄ = ¼(9+15+21+m).
1268	Lord Howe Island	Do. do.	P, 1914-28. T, 1913-21; '23-28. R, 1897-1912 '15-23.	P = 9h.
1271	Auckland	Wellington, Meteor. Obs. for 1928.	P, 33 yrs., 1863-82; 1916-30. T, 1864-1923. R, 77 yrs.	Do.
1272	Napier	Do. do.	T, 34 yrs. R, 52 yrs.	..

ZONE 13. Between Latitude 40° S. and 50° S.

1301	Chatham Island	..	..	..
1321	Isla Guafo	Santiago, Publ. Inst. Meteor. de Chile, No. 41, Anuario, 1928.	P, R, 1908-22. ℄, 1911-25.	e P = ⅓(7+14+21). ℄ derived from ¼(7+14+2x21).
1322	Punta Calera	Do. do.	P, T, R, 1899-1923.	e Do. do.
1323	Sarmiento	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, 25 yrs., 1903-28. ℄, R, 1903-27.	P, ℄ = mean of 24 hrs.
1324	Puerto Madryn	Do. do.	P, 19 yrs., 1902-24. ℄, 1901-25. R, 25 yrs., 1902-28.	Do.
1365	Launceston	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1905-19. T, 1889-1930. R, 1886-1930.	P = ½(9+15). ℄ derived from ½(M+m).
1366	Hobart	Do. do.	P, 43 yrs. T, 1871-1931. R, 1841-79; '82-1931.	Do. do.
1370	Invercargill	Wellington, Meteor. Obs. for 1928.	T, 20 yrs. R, 36 yrs.	..
1371	Dunedin	Do. do.	P, 1913-30. T, 66 yrs. R, 73 yrs.	P = 9h.
1371a	Christchurch	Do. do.	P, 1864-80; 1905-30. T, 42 yrs. R, 53 yrs.	P, (Jan. and Feb.) = 9½h. P, (Mar. to Dec.) = 9h.
1372	Wellington	Wellington, Meteor. Obs. for 1928 and 1932.	P, 65 yrs., 1864-1930. T, 66 yrs. R, 1862-1923.	P = 9h. ℄ = mean of 24 hrs.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	Santiago, Publ. Inst. Meteor. de Chile, No. 41, Anuario, 1928.	P, R, 1899-1923. ℄, 1899-1908; '10-24.	e P = ⅓(7+14+21). ℄ derived from ¼(7+14+2x21).
1422	Magallanes (Punta Arenas)	Do. do.	P, 1889-1924. ℄, R, 1888-1924.	e Do. do.
1423	Punta Dungeness	Do. do.	P, ℄, 25 yrs., 1900-26. R, 25 yrs., 1903-29.	e Do. do.
1424	Santa Cruz	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, 1903-09; '11-24. ℄, 1901-25. R, 25 yrs., 1896-1925.	P, ℄ = mean of 24 hrs.
1425	Stanley, Falkland Is.	MS. data at M.O.	P, 10 yrs., 1875-77; 1922-29. T, 15 yrs., 1874-83; 1922-30. R, 35 yrs., 1874-91; 1904-33.	P = 9h.
1426	Cape Pembroke	Do.	P, 1895-1929. ℄, 35 yrs., 1895-1930.	e P, ℄ = ¼(4+8+12+16+20+24). No rain gauge.
1429	S.Georgia (Cumberland Bay)	Do.	P, 25 yrs., 1906-32. ℄, 1905-30. R, 25 yrs., 1906-31.	e P = ⅓(8+14+20). ℄ derived from these hours.

ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	MS. data supplied by Direccion de Meteorologia, Buenos Aires.	P, ℄, 1903-27. R, 17 yrs., 1904-23.	P, ℄ = mean of 24 hrs.

NOTES

Unless otherwise stated, the hours of obervation refer to Local Mean Time.

a. Maximum thermometer read at hour of morning observation and entered to day of reading.
b. Maximum and minimum temperatures from whole degrees Fahrenheit.
c. International Zone Time.
d. ℄ derived from table below.
e. M.S.L. reduction applied in M.O.
f. At Cairo, mean temperatures obtained by this formula are 0·7°A. too low.
g. At Khartoum, mean temperatures obtained by this formula are 1·0°A. too low.
k. Absolute maximum taken from observations at fixed hours.
l. Absolute minimum taken from observations at fixed hours.
n. 75°W. meridian time.
q. Pressure differences from normal refer to station level values.
r. 105°W. meridian time.
t. Maximum and minimum temperatures from thermograph.
u. 30°E. meridian time.

Normals for which the period is enclosed in brackets have been computed by comparison with neighbouring stations.

The statement that ℄ is derived from a certain combination, means that a correction has been applied to the values given by this combination, to obtain the approximate true mean temperature.

Summary of Wind within the Tropics.- The information is extracted from MS. data at M.O.

REDUCTION TO TRUE MEAN TEMPERATURE

The following references give the more important authorities for the corrections which have been applied to reduce the temperature, either means of observations at fixed hours or means of maxima and minima, to true mean.

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The following table gives approximate corrections for the limits 30° N. to 30° S. to reduce ½ (M + m) to true mean temperature (℄), taking into consideration the height and the daily range (M - m). It can be applied in cases where no other correction is available, and has been so used in the tables in this issue.

Daily Range	Height in Metres.							
	0	500	1000	1500	2000	2500	3000	3500
°A	°A	°A	°A	°A	°A	°A	°A	°A
4	- ·35	- ·42	- ·49	- ·56	- ·63	- ·70	- ·77	- ·84
6	- ·42	- ·50	- ·58	- ·66	- ·74	- ·82	- ·90	- ·98
8	- ·52	- ·59	- ·65	- ·72	- ·78	- ·85	- ·91	- ·98
10	- ·64	- ·67	- ·70	- ·73	- ·76	- ·79	- ·82	- ·85
12	- ·79	- ·76	- ·73	- ·70	- ·67	- ·64	- ·61	- ·58
14	- ·97	- ·85	- ·73	- ·61	- ·49	- ·37	- ·25	- ·13

SUMMARY OF WINDS WITHIN THE TROPICS—1928

Month	FANNING ISLAND. 805.		SIERRA LEONE. 834.				ENTEBBE. 844				ASCENSION ISLAND. 934			
	9h.		9h.		17h.		7h.		21h.		9h.		21h.	
	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal
January	105° (78)	115° (82)	95° (46)	65° (29)	235° (7)	240° (42)	350° (26)	275° (14)	250° (53)	230° (42)	140° (93)	125° (81)	135° (92)	125° (76)
February	110° (81)	100° (80)	80° (28)	285° (14)	240° (49)	235° (71)	355° (22)	250° (17)	210° (56)	220° (42)	145° (91)	125° (79)	140° (83)	125° (73)
March	85° (79)	90° (81)	265° (45)	275° (27)	230° (94)	235° (72)	235° (20)	250° (30)	215° (68)	225° (43)	140° (92)	130° (81)	140° (87)	130° (79)
April	110° (79)	90° (82)	235° (3)	280° (23)	180° (10)	240° (73)	270° (9)	235° (37)	195° (45)	220° (40)	140° (95)	125° (83)	135° (79)	125° (75)
May	125° (93)	100° (75)	245° (27)	330° (9)	55° (62)	235° (63)	180° (6)	225° (26)	205° (28)	215° (36)	140° (93)	125° (85)	140° (94)	125° (79)
June	125° (83)	115° (77)	130° (10)	50° (19)	50° (59)	225° (48)	150° (4)	240° (32)	205° (34)	215° (40)	135° (97)	125° (84)	135° (97)	125° (81)
July	135° (99)	120° (81)	70° (18)	245° (11)	50° (73)	230° (60)	300° (31)	260° (13)	200° (44)	200° (35)	135° (92)	125° (82)	135° (94)	125° (79)
August	135° (99)	125° (86)	40° (27)	235° (27)	50° (56)	230° (68)	345° (48)	340° (20)	230° (42)	200° (32)	135° (94)	125° (82)	135° (89)	125° (77)
September	135° (98)	130° (86)	85° (14)	305° (2)	50° (78)	230° (61)	5° (52)	335° (25)	220° (37)	230° (33)	130° (95)	125° (83)	125° (88)	125° (79)
October	135° (99)	135° (81)	225° (21)	60° (32)	55° (66)	235° (47)	360° (58)	310° (23)	255° (31)	240° (36)	140° (94)	125° (84)	135° (94)	125° (85)
November	140° (86)	125° (80)	225° (27)	60° (33)	50° (36)	235° (49)	350° (18)	295° (22)	255° (46)	240° (35)	135° (94)	125° (85)	135° (91)	125° (79)
December	130° (97)	115° (80)	5° (4)	60° (35)	45° (16)	245° (41)	300° (20)	285° (29)	230° (47)	235° (40)	140° (89)	130° (82)	135° (92)	
Year	125° (86)	115° (79)	145° (3)	20° (7)	50° (24)	235° (57)	340° (21)	270° (19)	220° (41)	225° (37)	140° (93)	125° (83)	135° (87)	125° (78)
Period of Normals	15 yrs., 1909-30.		15 yrs., 1910-25.				1914-28.				10 yrs., 1923-33.			

Month	TULAGI. 969.		OCEAN ISLAND. 970.				APIA, SAMOA. 1002.			St. HELENA.* 1035.		SUVA, FIJI. 1072.			
	9h.		8h.		20h.		9h.		15½h.	6½h.		8½h.		15½h.	
	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	
January	100° (47)	320° (15)	310° (39)	65° (45)	290° (33)	70° (34)	85° (12)	75° (27)	345° (21)	150° (86)	142° (92)	130° (46)	90° (45)	130° (72)	
February	45° (21)	310° (20)	185° (20)	75° (54)	240° (10)	75° (48)	80° (58)	65° (24)	80° (70)	160° (92)	141° (90)	60° (68)	80° (45)	80° (54)	
March	55° (21)	320° (11)	110° (68)	75° (58)	110° (16)	75° (46)	70° (36)	75° (37)	50° (32)	155° (87)	142° (88)	40° (45)	80° (37)	80° (56)	
April	90° (72)	125° (31)	115° (69)	80° (68)	110° (23)	75° (54)	100° (58)	95° (48)	105° (58)	160° (90)	138° (89)	55° (58)	90° (49)	70° (65)	
May	105° (75)	130° (66)	125° (40)	85° (72)	90° (0)	85° (55)	105° (64)	105° (56)	100° (76)	160° (85)	139° (86)	55° (39)	100° (47)	90° (73)	
June	105° (52)	130° (81)	125° (62)	90° (70)	135° (7)	85° (57)	90° (59)	100° (61)	85° (75)	155° (88)	136° (84)	40° (20)	95° (43)	110° (55)	
July	125° (92)	135° (81)	130° (55)	90° (54)	110° (16)	85° (49)	100° (57)	100° (63)	85° (58)	165° (86)	139° (86)	50° (37)	95° (46)	90° (60)	
August	135° (98)	135° (79)	120° (58)	95° (59)	90° (0)	95° (55)	100° (67)	100° (76)	100° (84)	160° (87)	141° (89)	90° (52)	105° (47)	95° (67)	
September	135° (98)	135° (76)	140° (44)	95° (52)	140° (17)	85° (43)	115° (78)	95° (70)	100° (87)	165° (89)	143° (91)	50° (51)	105° (57)	85° (80)	
October	130° (93)	135° (74)	125° (49)	95° (44)	115° (7)	85° (25)	110° (69)	95° (66)	100° (66)	165° (84)	145° (92)	100° (49)	100° (60)	100° (81)	
November	110° (51)	130° (45)	140° (29)	80° (23)	120° (5)	60° (14)	50° (41)	80° (56)	40° (22)	165° (89)	142° (93)	95° (60)	100° (62)	105° (76)	
December	130° (62)	130° (12)	100° (21)	65° (35)	135° (2)	65° (28)	85° (60)	90° (44)	80° (62)	160° (92)	144° (91)	40° (70)	100° (51)	75° (75)	
Year	120° (62)	130° (42)	125° (39)	85° (52)	125° (1)	80° (42)	95° (53)	90° (52)	90° (55)	160° (88)	141° (89)	65° (44)	95° (49)	95° (65)	
Period of Normals	1909-23.		1921-30.				1922-31.			1893-1920.		45 yrs., 1883-1928.			

§ Direction and "Constancy" For explanation see Introduction.
* Hour of observation changed to 6½h. from August 1st. Normal refers to the old site at St. Matthew's Vicarage.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC—1928

MONTH	KARA SEA.†		BARENTS SEA.†		GREENLAND SEA.†	
	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3	Area covered sq.Km.x 10^3	Normal sq.Km.x 10^3
April	255	255	1141	1155	1150	1157
May	255	255	839	981	1011	1062
June	255	253	437	841	937	921
July	236	240	417	519	695	718
August	42	137	246	320	533	551
Period of Normals	1895-1915.		1895-1915.		37 yrs., 1877-1915.	

MONTH	ICELAND.†				NEWFOUNDLAND BANKS †† (south of 48° N.)	
	No. of days with ice.		Normal no. of days with ice.		Number of Icebergs.	
	Visible	Heavy	Visible	Heavy	Observed	Normal
January	0	0	3	1	0	3
February	0	0	4	0	0	10
March	0	0	5	2	14	36
April	0	0	6	1	156	83
May	14	0	6	1	190	130
June	1	0	7	1	87	68
July	0	0	4	0	55	25
August	0	0	2	0	5	13
September	0	0	0	0	0	9
October	0	0	0	0	4	4
November	0	0	0	0	4	3
December	0	0	0	0	0	2
Year	15	0	37	6	515	386
Period of Normals	1901-25.				1900-26.	

† Isforholdene i de arktiske Have, 1928, published by the Danish Meteorological Institute.
†† International ice observations and ice patrol service in the North Atlantic Ocean, 1928.

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